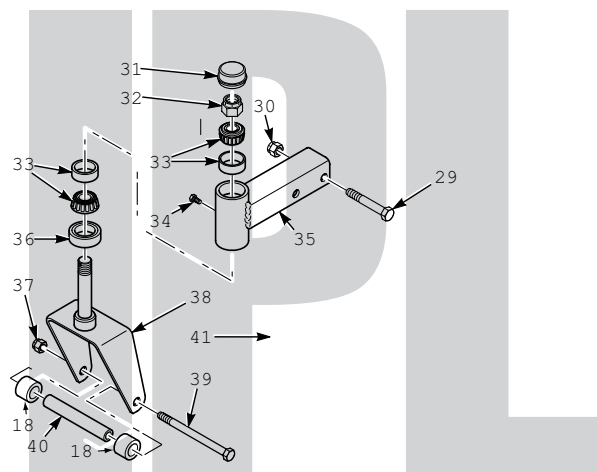




ILLUSTRATED PARTS MANUAL

RC Extreme Slope Mower



This manual covers the operating instructions and illustrated parts list for:		
SRC-52D-37BV-EFI	with a serial number of	Z6600001 to Z6699999
Always use the entire serial number listed on the serial number tag when referring to this product.		

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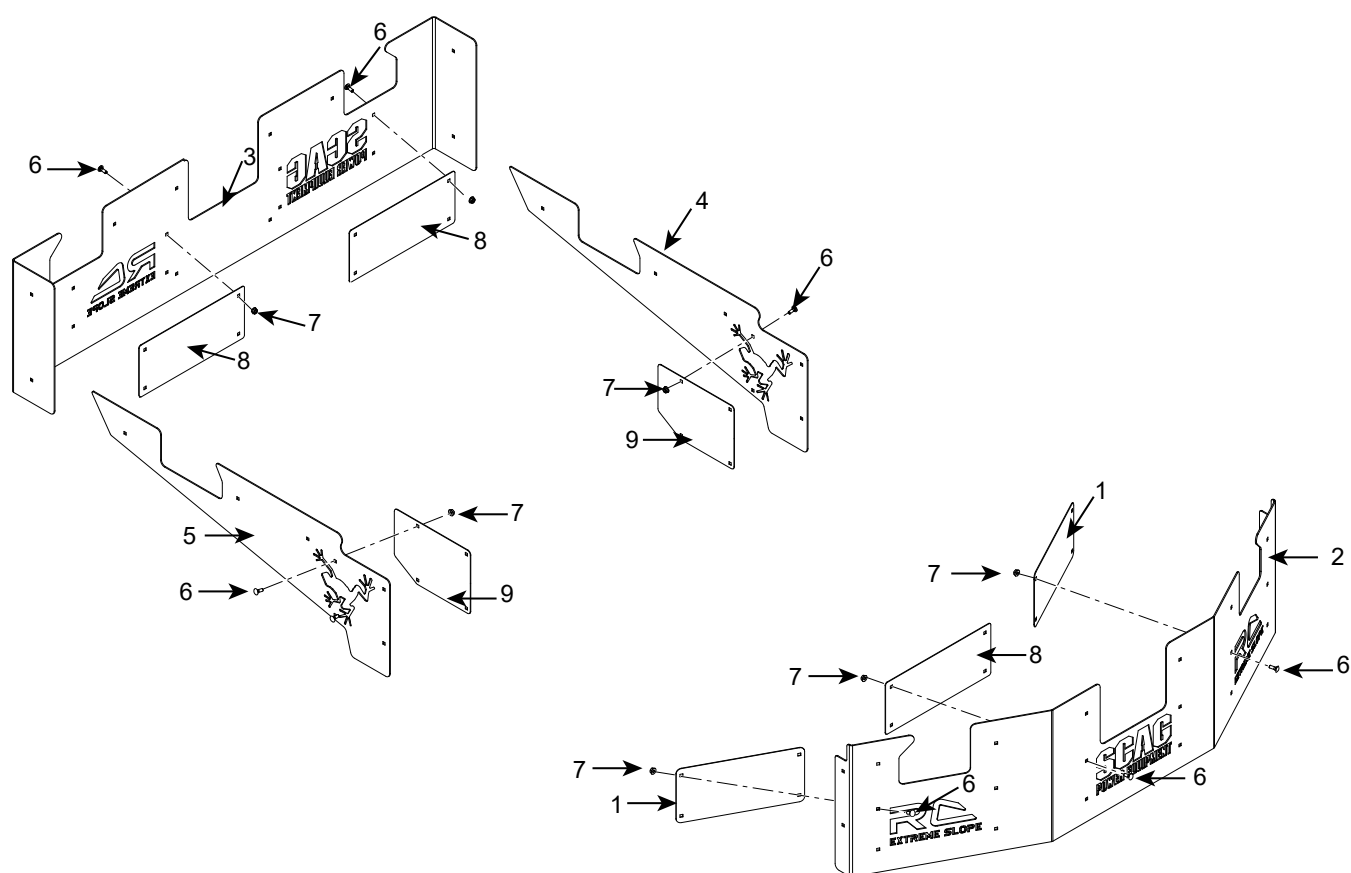
SCAG APPROVED ATTACHMENTS AND ACCESSORIES

Attachments and accessories manufactured by companies other than Scag Power Equipment are not approved for use on this machine.

Scag approved attachments and accessories:

<u>Accessories</u>	<u>P/N</u>
SRC Charger Kit	9701
Winch Tether	9704
<u>Scag Premium Lubricants</u>	
Oil, 85W-140 Gearbox	488439
Oil, 10W-30	482688

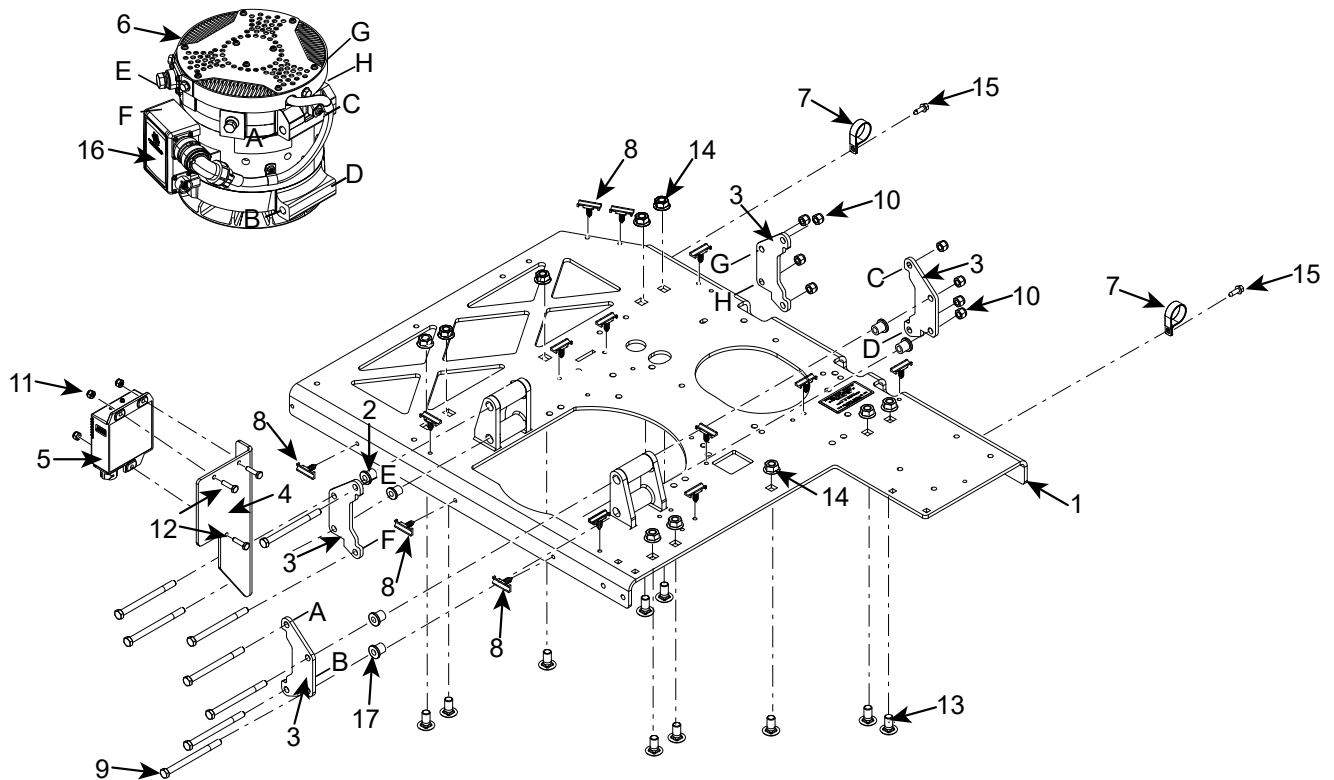
FRAME GUARD



FRAME GUARD

Ref. No.	Part No.	Description
1	4200211-B	Plate, Backer
2	4200199	Front Panel Kit
3	4200201	Rear Panel, SMRC - 52D
4	4200200	Side Panel, Kit LH SMRC - 52D (Includes 6, 7, 9)
5	4200200	Side Panel, Kit RH SMRC - 52D (Includes 6, 7, 9)
6	04003-02	Carriage Bolt, 1/4 - 20 x .75 LG
7	04019-02	Nut, Serrated Flange Hex Head, 1/4 - 20
8	4200212-B	Plate, Center
9	4200217-B	Plate, Side Backer

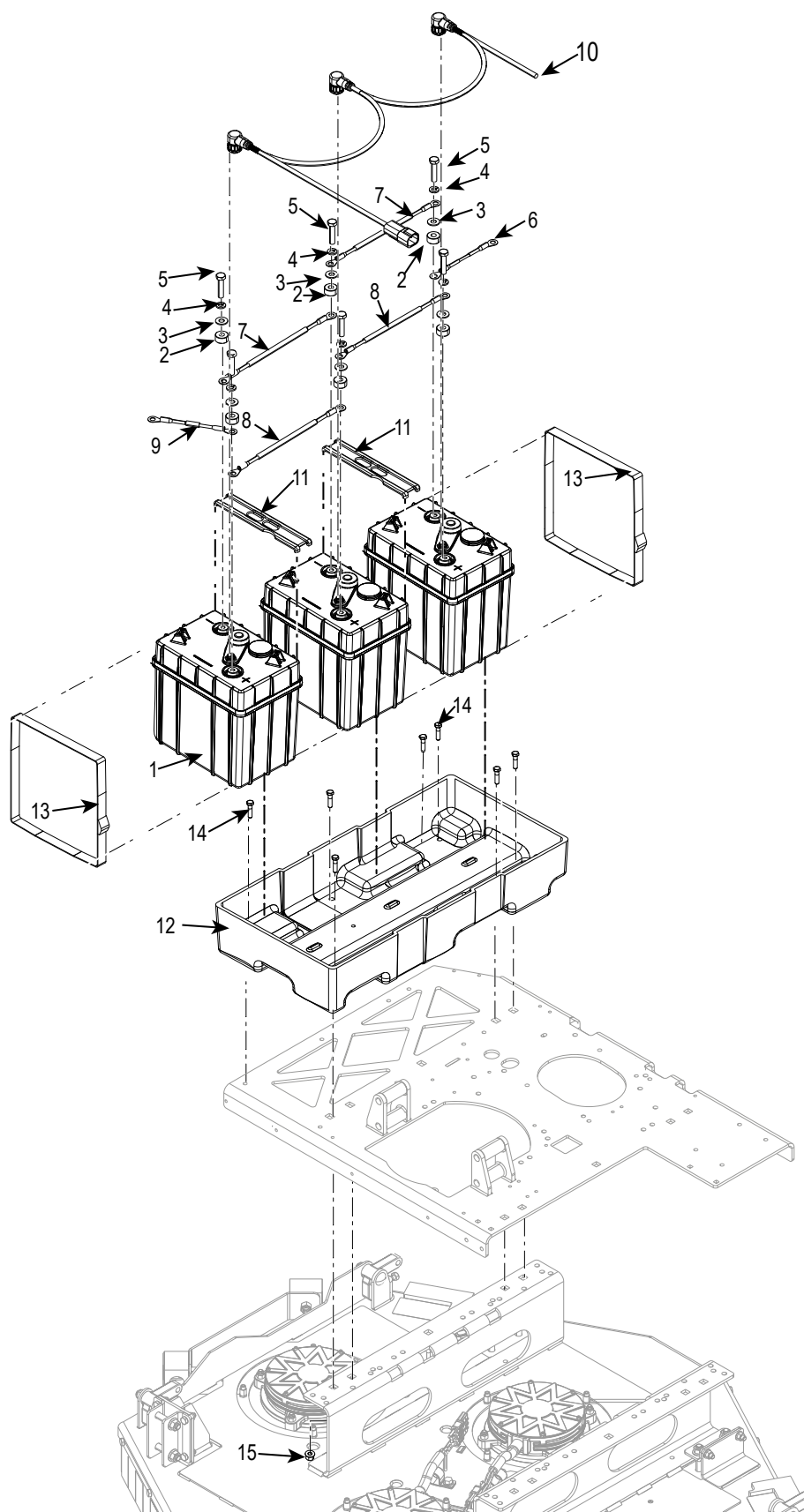
ALTERNATOR GROUP



ALTERNATOR GROUP

Ref. No.	Part No.	Description
1	463738	Motor Mount WLMT
2	488105	Plastic Bearing
3	4200044	Plate, Alternator Mount
4	4200166	Bracket Filter Mount
5	488074	Voltage Filter
6	488037	Alternator 7.0kWh
7	48030	Clamp, 1 1/4" Cable
8	481328	Clip, Wire Harness-Long
9	04001-198	HHCS, 3/8-16 x 4.75
10	04021-09	Locknut, 3/8-16 x 4.75 Elastic Stop
11	04021-08	Locknut, Elastic Stop 1/4-20
12	04001-14	HHCS, 1/4-20 x 1
13	04003-46	Carriage Bolt, 1/2-13 Serrated Flange
14	04019-06	Nut, 1/2-13 Serrated Flange
15	04011-14	Screw, 1/4-20 X .75 Taptite
16	488024	Alternator Regulator

BATTERY

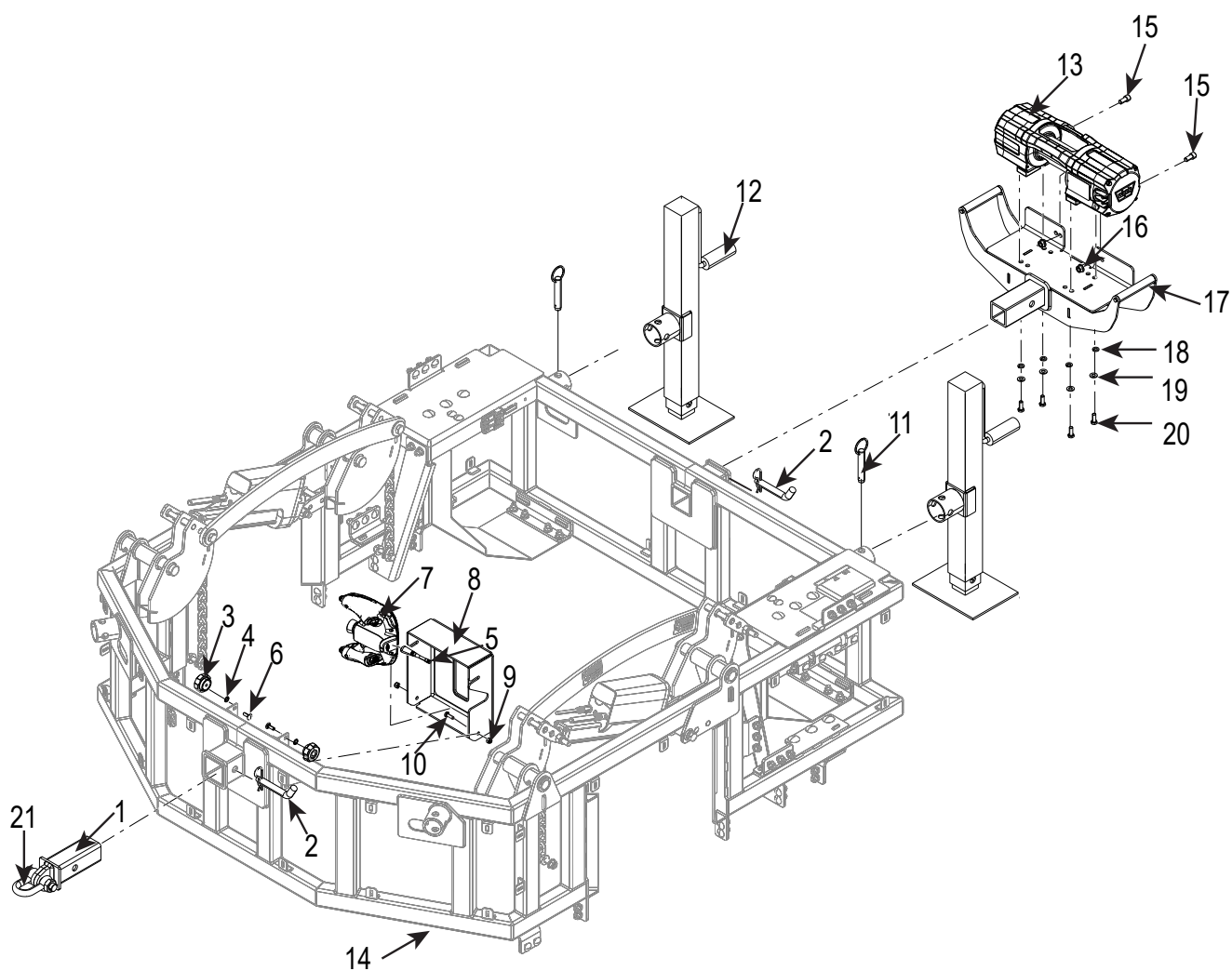


BATTERY

Ref. No.	Part No.	Description
1	487350*	ABS 3kW Battery
2	432027	Spacer, Bat Lug
3	04241-06	SS Flat Washer, 5/16"
4	04230-03	Ansi SS Helical Spring
5	04202-07	SS Metric HH Capscrew, M8-1.25 x 35 LG
6	48029-59	Battery Cable - Black, 66"
7	48029-40	Battery Cable - Black 9"
8	48029-39	Battery Cable -Red 9"
9	48029-58	Battery Cable - Red 66"
10	488117	GT - Com Cable
11	4200233	Cover, Battery
12	4200232	Holder, Battery
13	488131	Cinch Strap
14	04001-10	Capscrews HH, 5/16-18 UNC X 1.25
15	04019-03	Nut, Serrated Flange HH, 5/16 - 18

*Contact local distributor for replacement.

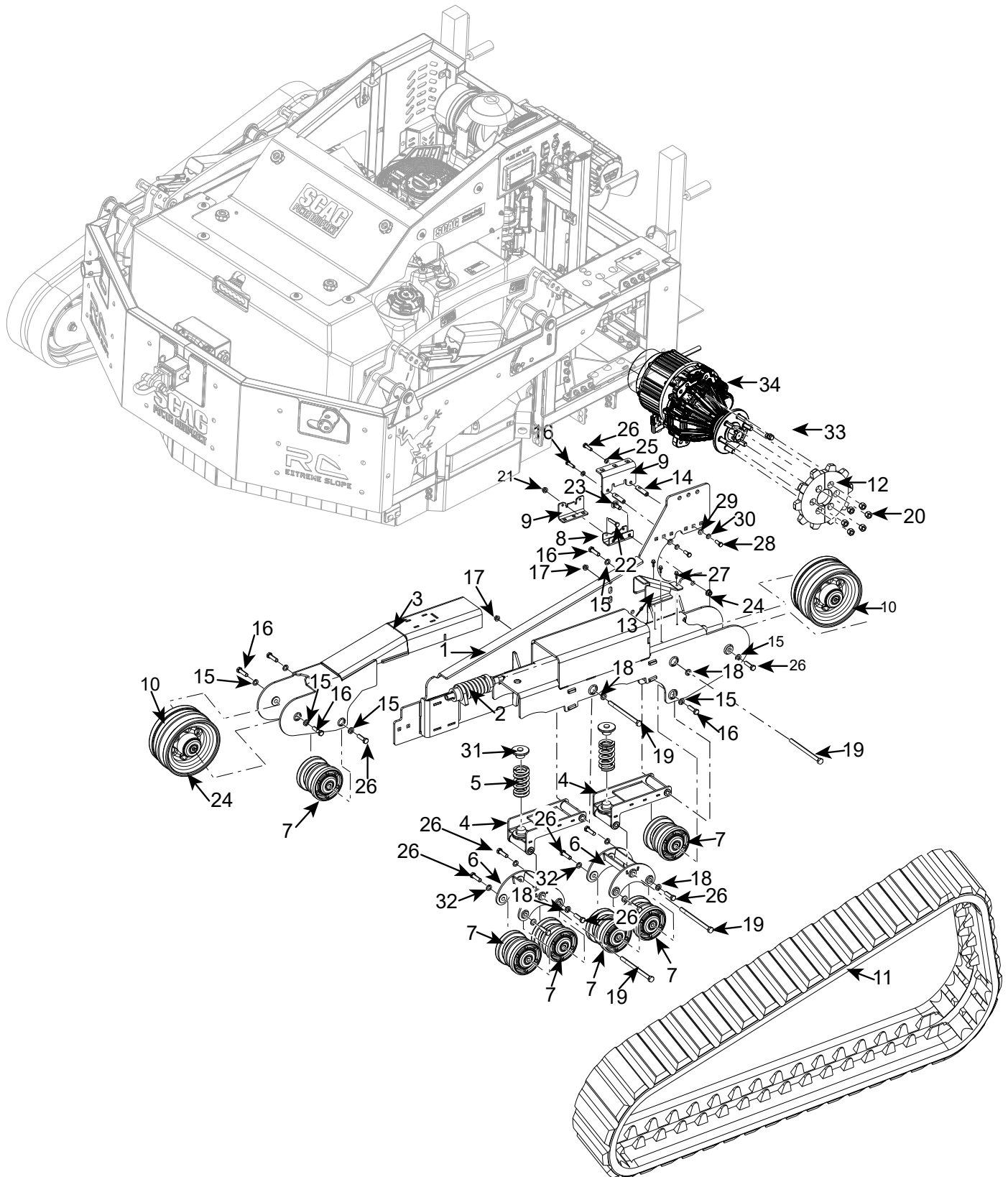
UTILITIES



UTILITIES

Ref. No.	Part No.	Description
1	454012	Shackle WLMT
2	488070	Bent-Pull Clevis Pin
3	481885-01	Knob Fluted
4	04024-04	Nut, Push-on
5	488047	Fort Antenna
6	04003-02	Carriage Bolt 1/4-20 X .75 LG
7	488046	Fort Transmitter
8	463693	Controller Door W/3M Guard
9	04021-08	Hex Lock Nut 1/4-20
10	04001-01	Capscrew, Hexhead 1/4-20 UNC X .75
11	488033	Jack Pin 5/8"
12	454003	Jack Stand
13	488106	Axon 45 Winch
14	463691	Frame w/Decals
15	04015-42	Capscrew, Socket HD, 3/8 - 16
16	04019-04	Nut, Serrated Flange HH, 3/8 x 16
17	463692	Winch Bracket w/Decal SMRC-52D
18	04033-01	Lockwasher, Metric Helical Sprg
19	04040-04	Washer, ANSI Plain Type A, 5/16"
20	04002-12	Metric HH Capscrew, 1.25 x 20 LG
21	488069	Shackle

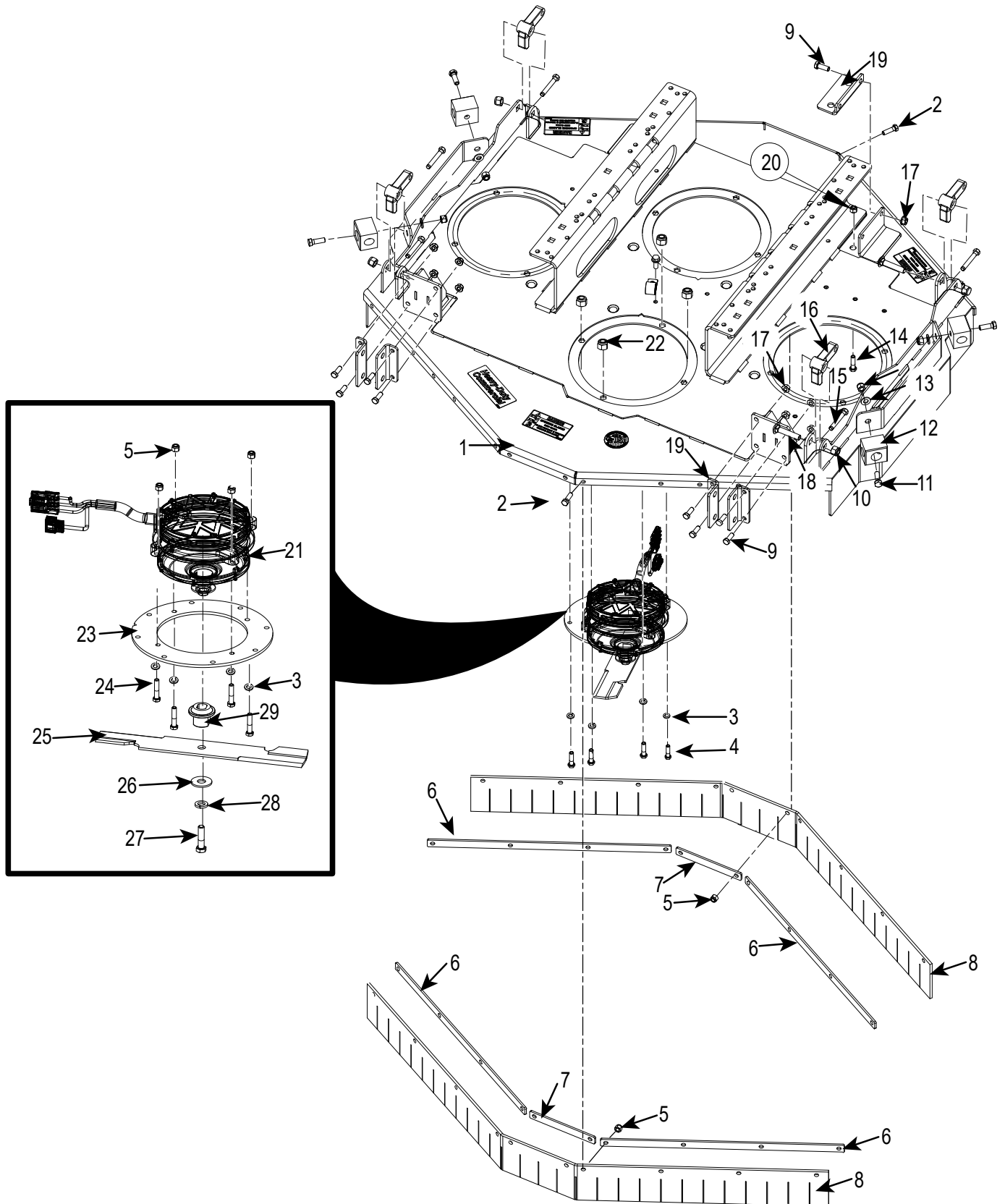
TRACKS



TRACKS

Ref. No.	Part No.	Description
1	454017	Track WLMT, LH
	454021	Track WLMT, RH
2	463661	Track Tension TF Assembly
3	454018	Track Sub WLMT
4	463697	Sub Arm w/Bushings
5	488097	Suspension Spring
6	454019	Track Roller WLMT
7	487560	Roller, Track
8	4200110	Bracket, Omni-U-Mnt
9	4200095	Bracket, Omni-L-Mnt
10	488027	Triple Flange Idler
11	488056	Rubber Track OTR
12	432006	Drive Sprocket
13	4200122	Bracket, Zerk Guard
14	432029	Spacer, Transaxel
15	4033-03	Lockwasher, M12 Helical Sprg
16	4002-26	Metric, HH Capscrew M12-1.75 x 40LG
17	4021-07	Locknut, 1/2-13 Elas Stop
18	04030-06	Lockwasher, 1/2 SPRG
19	04001-235	HH Capscrew, 1/2-13x7.00
20	4028-02	Wheel Nut
21	4019-04	Nut, 3/8-16 SERR FLG
22	04001-21	HH Capscrew, 3/8-13 x 1.75
23	04003-19	Carriage Bolt, 1/2-13 x 1.25
24	04019-06	Nut, 1/2-13 Serrated Flange
25	04033-02	Lockwasher, M10 Helical SPRG
26	04002-30	HH Capscrew Metric M10-1.5x35 LG
27	04011-14	Screw, Self Tapping 1/4-20 x .75
28	04001-19	HH Capscrew, 3/8-16 x 1.0
29	04040-05	Flat Washer, 3/8 - .406 x .812 x .065
30	04030-04	Lock Washer 3/8 SPRG
31	432039	Spring Retainer
32	04033-03	Lockwasher Metric Helical Sprg
33	488001	Oil Bleeder Valve
34	488276	SPI Drive Motor LH
	488130	SPI Drive Motor RH

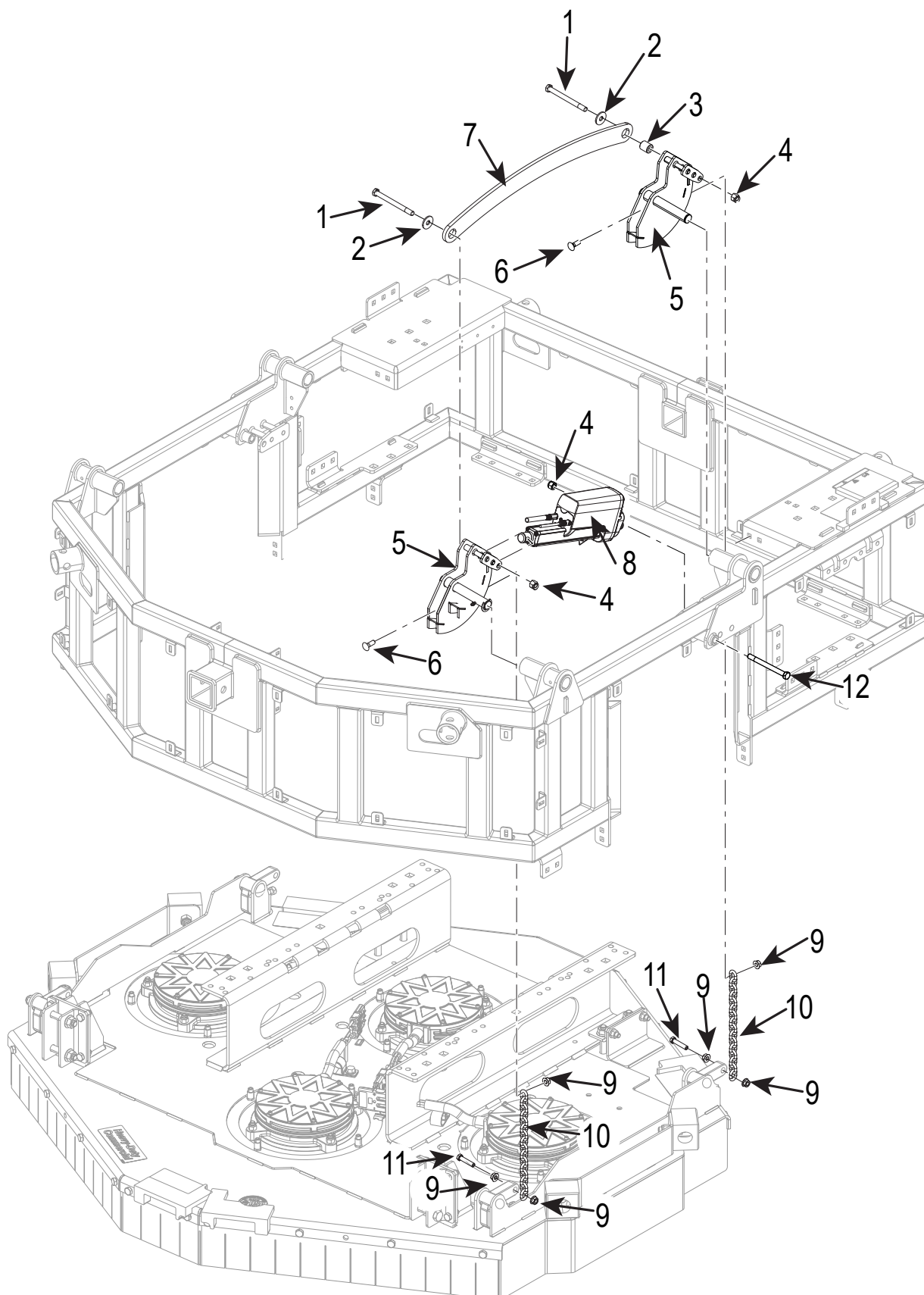
DECK



DECK

Ref. No.	Part No.	Description
1	463709	Deck WLMT, 52D w/decals
2	04001-32	HH Capscrew 3/8-16 X 1.25
3	04030-04	Lockwasher, 3/8
4	04001-20	HH Capscrew, 3/8-16 UNC X 1.50
5	04021-09	Lock Nut, 3/8 - 16
6	4200085	Plate, Backer Long
7	4200084	Plate, Backer Short
8	4200234	Rubber, Deck Guard 52D
9	04001-19	HH Capscrew, 3/8-16 UNC X 1.00
10	04021-07	Hex Lock Nut, 1/2 X 13
11	04001-71	HH Capscrew, 1/2-13 UNC X 1.50
12	488051	Deck Bumper
13	04040-07	Washer, ANSI Plain Type A, 1/2
14	04001-52	HH Capscrew, 1/2-13 UNC X 2.50
15	04107-05	HH Capscrew w/Special Lock, 3/8 - 16 X 2.50
16	4200130	Lever, Large Deck
17	04019-04	Nut Serrated Flange, 3/8 - 16
18	04003-59	Carriage Bolt 1/2 - 13 X 2.5 LG
19	4200079	Bracket, Roll Cage Tie
20	04019-06	Nut Serrated Flange, 1/2 - 13
21	495028	Omni Deck Assembly
22	04132-02	Hex Threaded Insert, 3/8 - 16
23	4200129	Plate, Omni Sub Mount
24	04001-21	HH Capscrew, 3/8-16 UNC X 1.75
25	482000	Cutter Blade, 18"
26	04043-08	Washers, Flat Hardened, 1/2"
27	04001-72	HH Capscrew, 1/2-13 UNC X 2.00
28	04030-06	Lockwasher, 1/2"
29	4200128	Omni Blade Driver

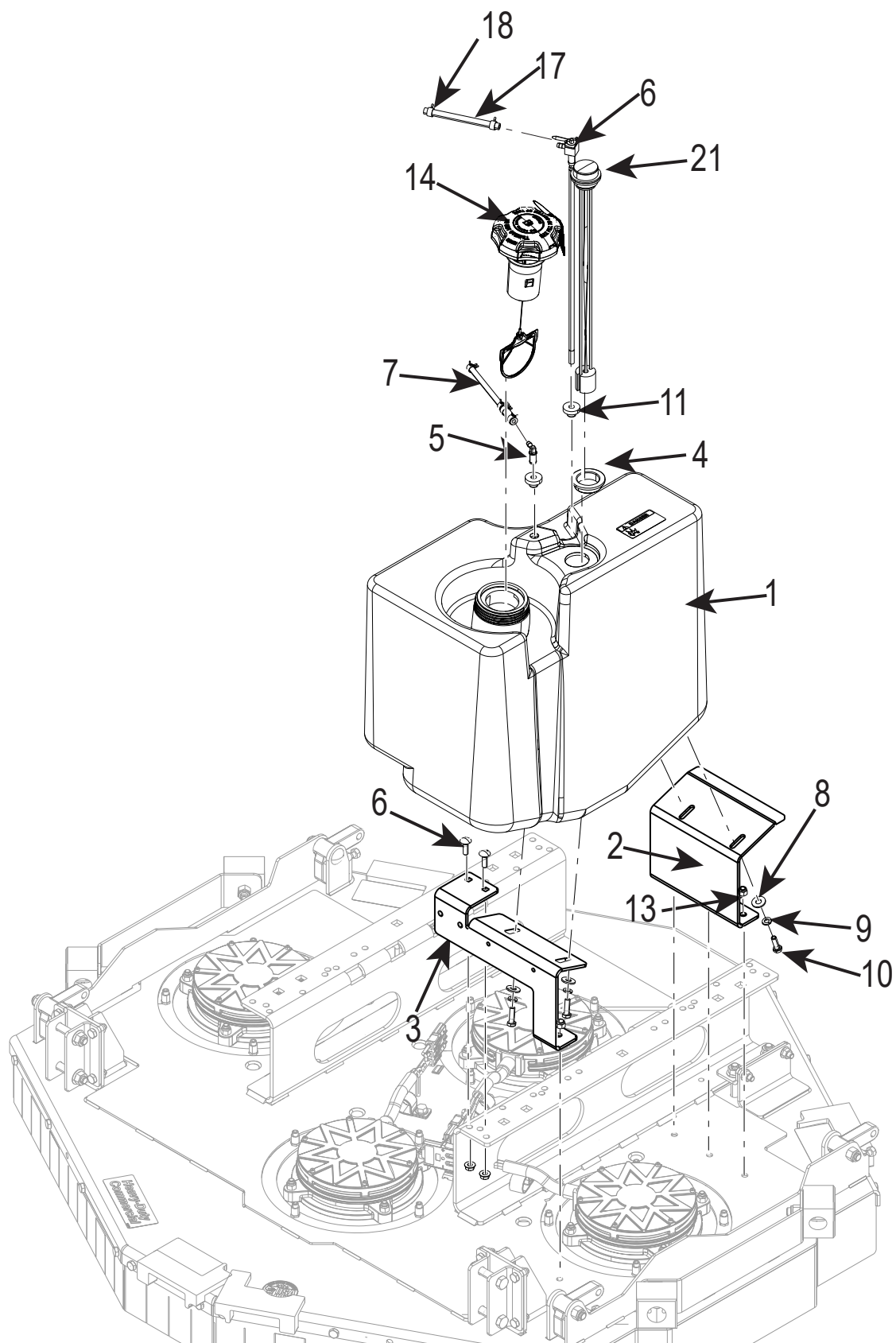
DECK LIFT



DECK LIFT

Ref. No.	Part No.	Description
1	04001-37	Capscrew Hex Head, 1/2-13 UNC X 5.5
2	4200043	Lift End Plate
3	432025	Spacer, Rod
4	04021-07	Hex Lock Nut, 1/2-13
5	454010	Lift WLMT, LH
6	04003-40	Carriage Bolt 7/16-14 X 1.25 LG
7	463712	Deck Tie Bar w/Decals RH
	463690	Deck Tie Bar w/Decals LH
8	488100	48V Actuator
9	04019-05	Nut Serrated Flange, 7/16 - 14
10	463706	Deck Lift Chain, SMRC 52D (Includes 9, 10, 11)
11	04001-236	Capscrew 7/16 - 14 X 2.00
12	04001-37	Capscrew 1/2-13 X 5.50

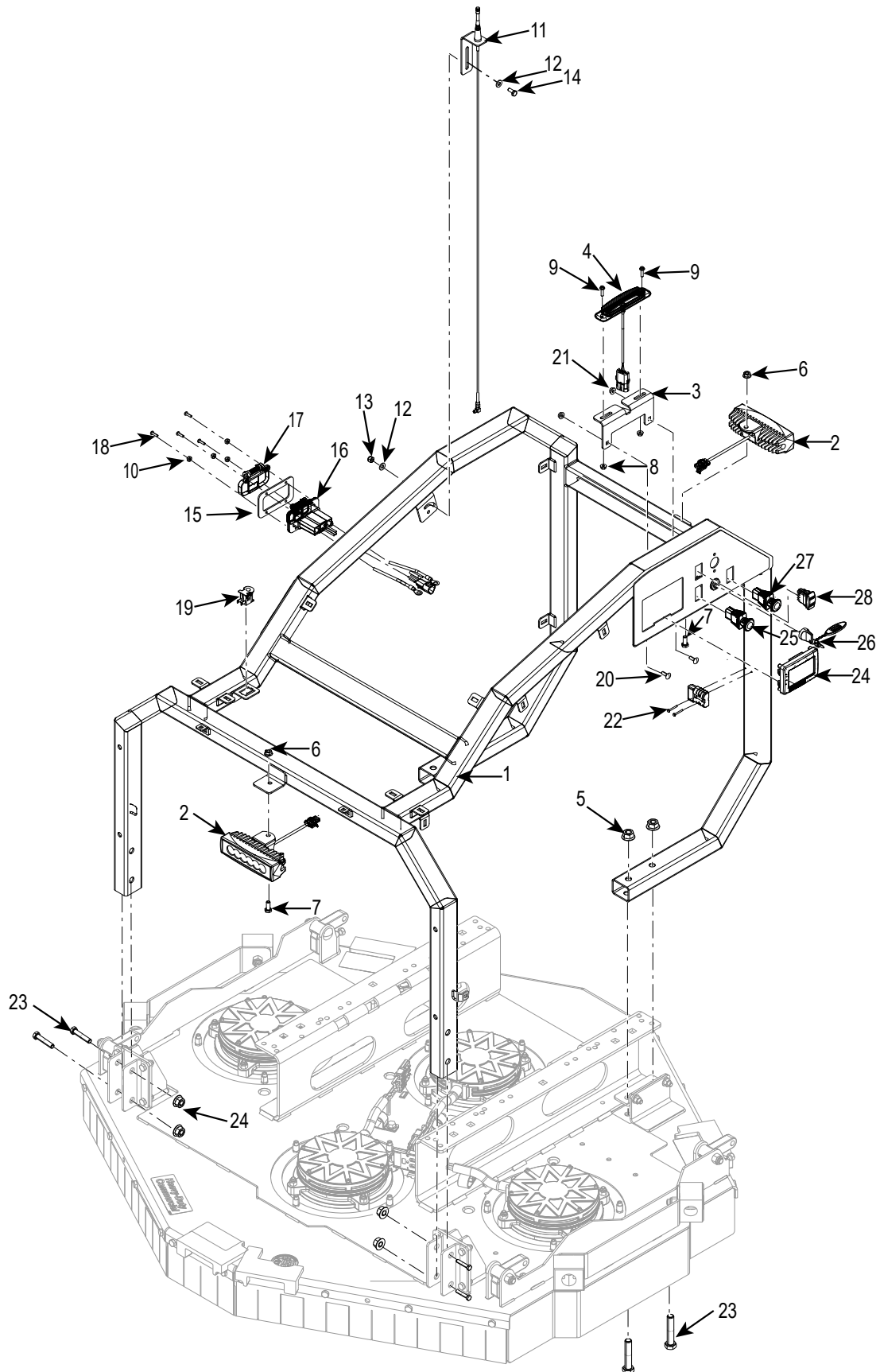
FUEL



FUEL

Ref. No.	Part No.	Description
1	463593	Tank Assembly
2	4200191	Bracket Tank Base A
3	4200192	Bracket , Tank Base B
4	484242	Seal, Fuel Gauge
5	486852	Remote Vent w/ No Valve
6	486460	Valve Fuel Shutoff w/Pickup Line
7	484345-27	Hose, 3/16 Vapor Recovery 17.00
8	04040-15	Washer
9	04030-03	Lock Washer
10	04001-09	Capscrew HH, 5/16-18 UNC X 1.00
11	482571	Bushing
12	04001-20	Capscrew HH 3/8-16 UNC X 1.50
13	04021-09	Hex Lock Nut
14	484286	Fuel Cap w/Tether
15	483617	Hose, Non Perm Fuel
16	483617-35	Hose, Non Perm Fuel 24.00
17	484279-03	Tube Fuel Inlet 3.0
18	48059-05	Clamp, Fuel Hose

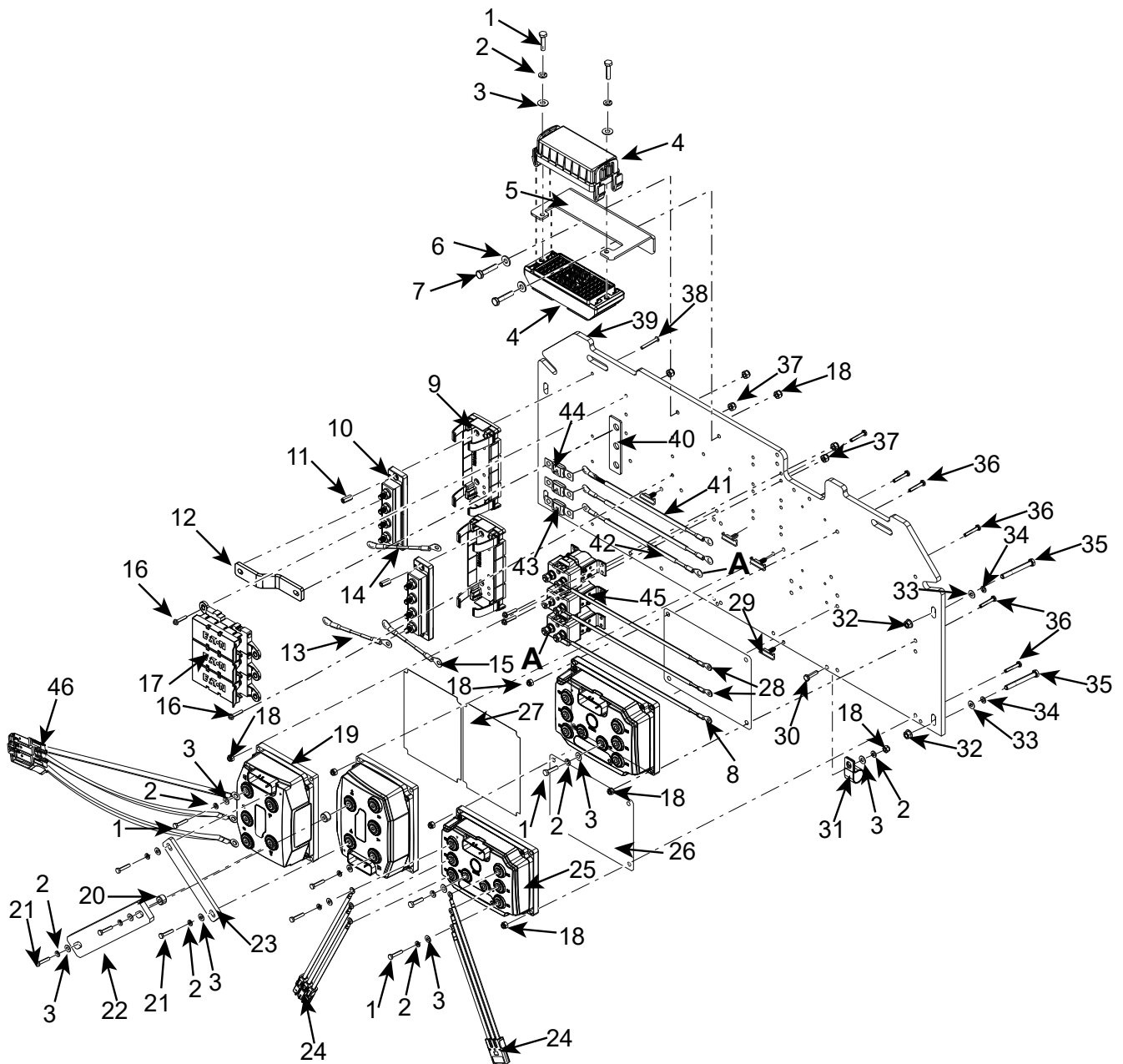
ROLL CAGE



ROLL CAGE

Ref. No.	Part No.	Description
1	463696	Roll Cage w/Decal
2	487187	Worklight 48V LED
3	4200138	Bracket Warning Light Mount
4	488012	Safety Light
5	04019-06	Nut Serrated Flange 1/2 - 13
6	04019-03	Nut Serrated Flange, 5/16 - 18
7	04001-08	Capscrew Hexhead, 5/16-18 X .75
8	04019-01	Nut, Serrated Flange, #10 - 32
9	04010-12	Machine Screw #10-32 X .75 LG
10	04020-24	Hex Nut #6-32
11	463710	Antenna w/Bracket
12	04040-03	Washer Plain Type A 1/4
13	04021-08	Hex Lock Nut 1/4-20
14	04001-01	Capscrew Hexhead 1/4-20 X .75
15	488112	Port Seal
16	488113	Charging Port Assembly
17	488065	Cover Receptacle
18	04010-18	Machine Screw 8 #6-32 X .50 LG
19	481638	Switch, N/O
20	04003-02	Carriage Bolt 1/4-20 X .75 LG
21	04019-02	Nut Serrated Flange, 1/4 - 20
22	04011-37	Self Tapping Screw, #4-24
23	04001-52	Capscrew Hexhead, 1/2-13 UNC X 2.50
24	488133	Display, SRC Instrument Panel
25	487104	Switch, E-Stop Sealed
26	462069	FOB Assy w/Key
27	485833	Switch, PTO Sealed
28	486389	Switch, Rocker

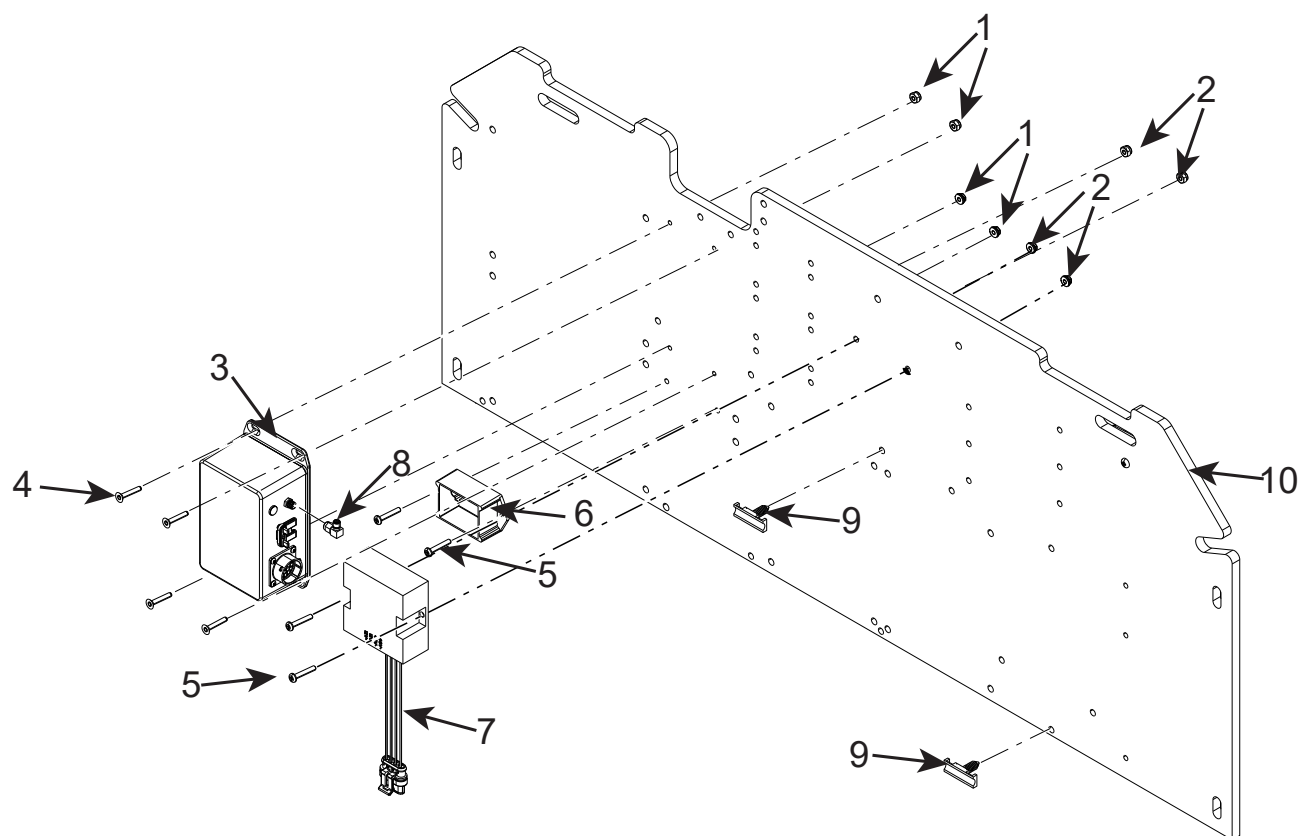
CONTROL PANEL GROUP



CONTROL PANEL GROUP

Ref. No.	Part No.	Description
1	04202-04	SS Metric Hexhead Capscrew, M6-1.0 X 25 LG
2	04230-02	Lockwasher ANSI SS Helical Spring, 1/4
3	04240-01	Washer, ANSI SS Plain, 1/4
4	488118	Relay Cover, Fuse C2878-1
5	4200218	Bracket, Fuse Shelf
6	04040-03	Washer, ANSI Plain Type A, 1/4
7	04001-59	Capscrew Hexhead, 1/4-20 UNC X 1.25
8	48029-65	Battery Cable, Red
9	487095	Enclosure, 4 Position Bus Bar
10	487097	Bus Bar, 4 Position
11	04137-01	Hex Nut, Coupling 10-24 UNC X .75
12	4200111	Bus Bar Jumper
13	48029-61	Battery Cable, 21" L, 2/0 AWG, Red
14	48029-56	Battery Cable, 21" L, 2/0 AWG, Black
15	48029-64	Battery Cable, 39" L, 4 AWG, Black
16	04010-47	Machine Screws, #10-24 X 1.00 LG, Hex washer HD-Slotted
17	488060	Eaton Fuse Housing
18	04021-08	Hex Lock Nut, 1/4-20
19	488067	Traction Controller, Curtis
20	432030	Spacer, Bus Bar Riser
21	04202-05	SS Metric Hexhead Capscrew, M6-1.0 X 30 LG
22	488068	Bus Bar, Red, F4-A
23	488085	Bus Bar , Black F4-4
24	488223	Whip, Deck Motor
25	487488	Deck Controller, F2-D 48-120-152
26	488102	Thermal Pad F2-D
27	488103	Thermal Pad F4-A
28	48029-63	Battery Cable, Red
29	481328	Clip, Wire Harness-Long
30	04001-14	Capscrew Hexhead, 1/4-20 UNC X 1.00
31	48030-24	Clamp, Cable
32	04109-04	Nut, Serrated Flange Hex Head, 3/8 - 16
33	04040-05	Washer, ANSI Plain Type A, 3/8
34	04030-04	Lockwasher ANSI SS Helical Spring, 3/8
35	04001-62	Capscrew Hexhead, 3/8-16 UNC X 3.25
36	04001-04	Capscrew Hexhead, 1/4-20 UNC X 1.50
37	04021-26	Hex Lock Nut #10-24
38	04010-08	Machine Screw, 3/8-16 X .50 LG
39	4200082	Electrical Heat Sink
40	488132	Bus Bar, Modular Fuse Holder
41	48029-60	Battery Cable, 12", 5/16, 5/16, 4 AWG, Red
42	48029-62	Battery Cable, 11", 5/16, 5/16, 2/0 AWG, Red
43	488077	Fuse 200 AMP
44	488078	Fuse 150 AMP
45	488058	Albright Contactor
46	488114	Harness, Traction Whip

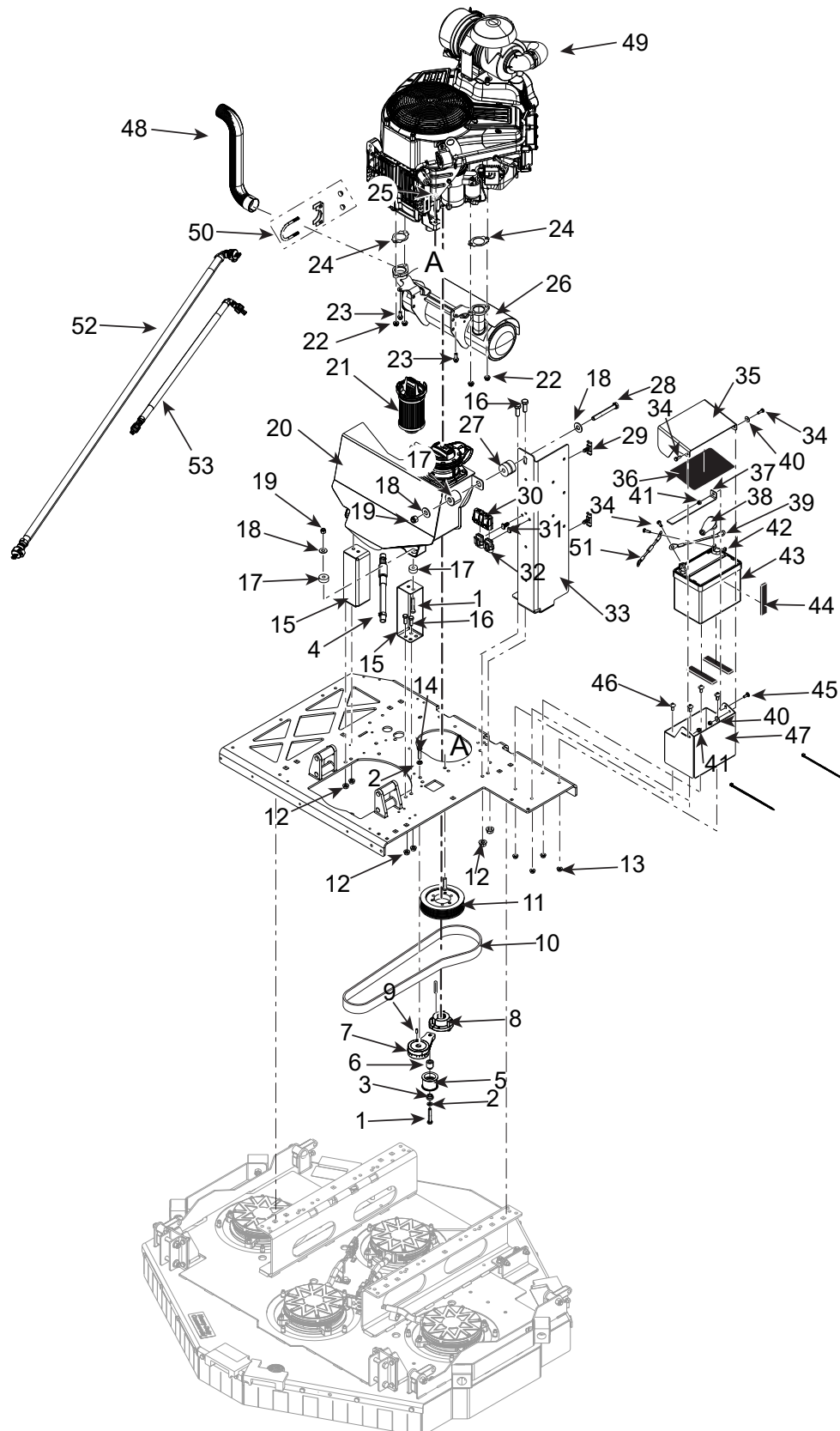
CONTROL PANEL GROUP



CONTROL PANEL GROUP

Ref. No.	Part No.	Description
1	04111-01	Nut, Metric Serrated Flang Hex Head
2	04021-17	Hew Lock Nut#8-32
3	488045-01	Fort Receiver
4	04142-01	Capscrew, Metric Flat HD HexSoc
5	04010-52	Machine Screw, #8-32 X 1.00 LG
6	488128	Timed Relay
7	487249	Shadow Box Assembly 48 to 12 Volt
8	488079	SMA 90 Adapter
9	481328	Clip, Wire Harness-Long
10	4200082	Electrical Heat Sink

ENGINE INSTALL GROUP

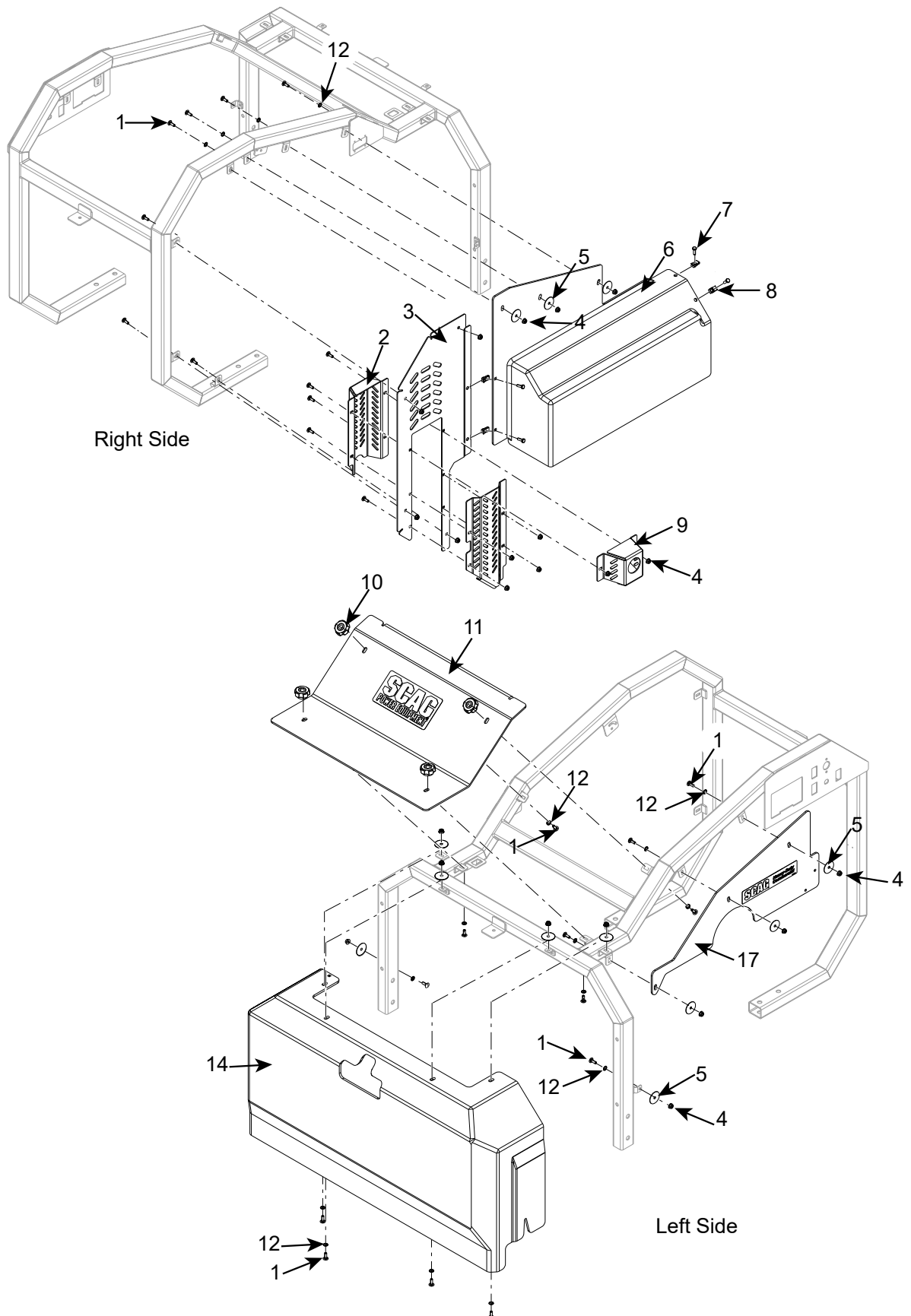


ENGINE INSTALL GROUP

Ref. No.	Part No.	Description
1	04001-45	Capscrew Hex Head, 3/8-16 UNC X 2.00
2	04030-04	Lockwasher, ANSI Helical Sprg, 3/8
3	432024	Spacer, Idler Short
4	488275	Hose Assembly, Oil Drain BV-EFI
5	488042	Idler Pulley
6	432023	Spacer, Idler Long
7	488043	Tension Arm
8	488101	QD Bushing
9	04135-02	Pin, Slotted Spring Metric. 6x16
10	488040	Micro Belt
11	488050	Drive Pulley
12	04019-04	Nut, Serrated Flange HH, 3/8 - 16
13	04019-03	Nut, Serrated Flange HH, 5/16 - 18
14	04001-20	Capscrew Hex Head, 3/8-16 UNC X 1.50
15	4200055	Bracket, Oilguard
16	04001-19	Capscrew Hex Head, 3/8-16 UNC X 1.00
17	488032	Vibration Mount Kit
18	04040-12	Washer, ANSI Plain Type A, 3/8
19	04021-09	Hex Lock Nut, 3/8 - 16
20	*	Wide Oilguard Tank, Briggs & Stratton 80099802
21	*	Oil Filter, Briggs & Stratton 80027620
22	04111-04	Nut, Metric Serrated Flange Hex Head, M8 X 1.25
23	04119-02	Nut, Serrated Flange HH, 1/4 - 20
24	483818	Gasket, Exhaust Manifold
25	04134-03	Locknut w/Flange Top Lock, 3/8 - 16
26	487617	Muffler
27	432008	Spacer, Oil Tank
28	04001-54	Capscrew Hex Head, 3/8-16 UNC X 3.00
29	481328	Clip, Wire Harness Long
30	483571	Fuse Cover
31	482588	Clip Wire Harness, Long
32	483629	Fuse Holder
33	4200059	Bracket, Oil Guard
34	04001-01	Capscrew Hex Head, 1/4-20 UNC X .75
35	428066	Battery Box, Upper
36	485692	Insulation, Battery Cover
37	427318	Battery Box, Latch
38	48126	Rubber Boot
39	48029-07	Battery Cable, Negative Black
40	04040-14	Washer, ANSI Plain Type A, 1/4
41	04021-08	Hex Lock Nut, 1/4 -20
42	04020-02	Hex Nut, 1/4 - 20
43	483665	Battery
44	48661	Pad, Rubber
45	04003-02	Carriage Bolt, 1/4-20 X .75 LG
46	04003-12	Carriage Bolt, 5/16-18 X .75 LG
47	427316	Battery Box, Lower
48	4200141	Muffler Extension, 37BV
49	*	Briggs & Stratton Vanguard Oilguard 37HP ETC EFI, 61A7770102J1BX004
50	484291	Muffler Clamp
51	48029-06	Battery Cable, Positive Red
52	*	Hose
53	*	Hose

*Available through engine manufacturer.

DECK GUARD GROUP



DECK GUARD GROUP

Ref. No.	Part No.	Description
1	04003-02	Carriage Bolt, 1/4-20 X .75 LG
2	4200226	Bracket, Inner Muffler
3	4200223	Bracket, Bottom Rear
4	04019-02	Nut, Serrated Flange 1/4 - 20
5	04041-49	Flat washer, 1/4
6	463698	Battery Cover w/Decal
7	04013-04	Hexhead Capscrew Flange, 1/4-20 X .750 LG
8	04110-01	U-Nut, 1/4 - 20
9	4200224	Bracket, Upper Muffler
10	481885-01	Knob 1/4 - 20
11	463699	Main Cover w/Decal
12	04024-04	Nut, Push-On 1/4
13	463700	Gas Tank Cover w/Decal
14	488184	Guarding, Front Panel



REPLACEMENT DECALS

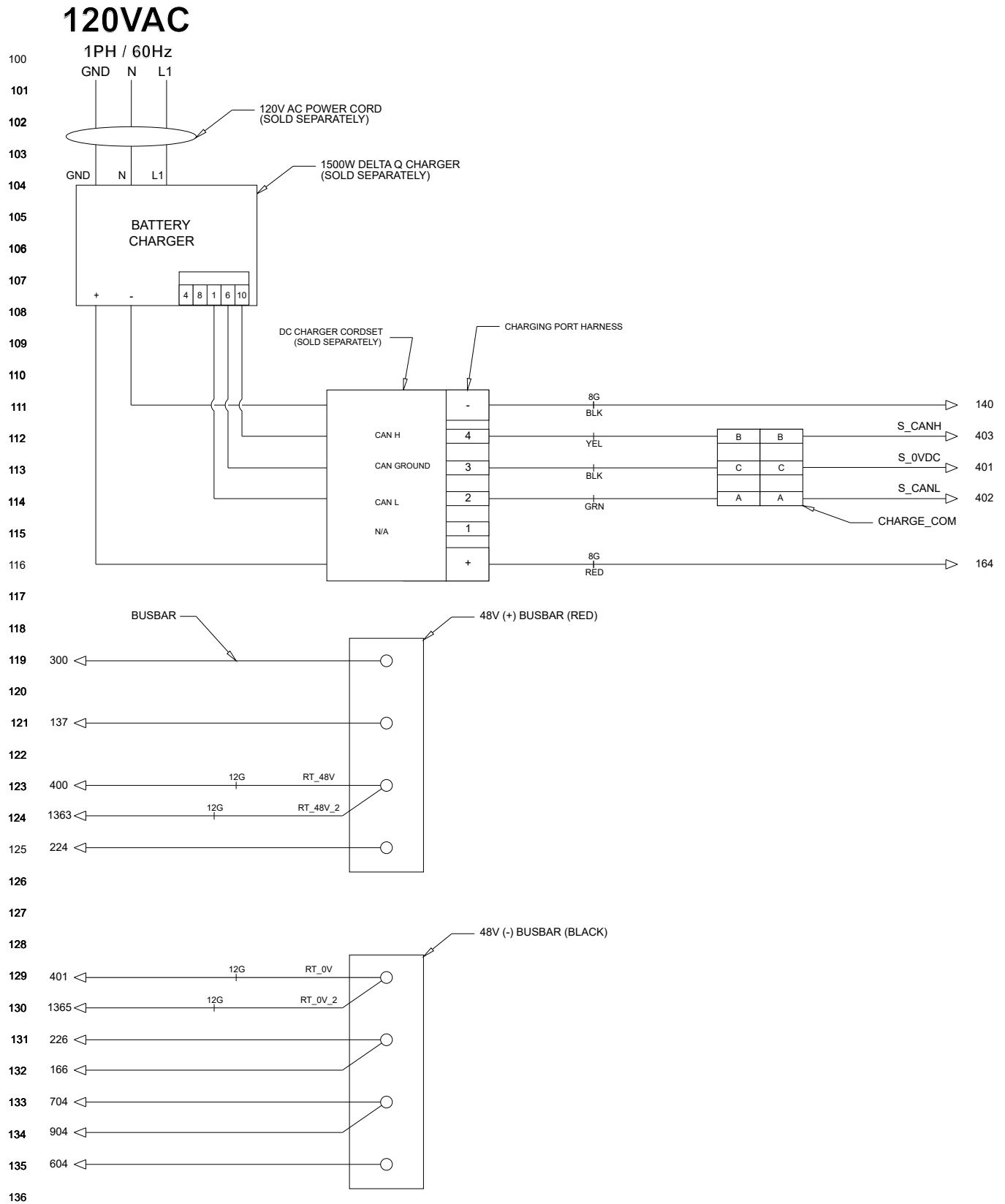
Ref. No.	Part No.	Description
1	486968	Decal, Scag Power Equipment 6" X 3.17"(Red Background, White Text)
	486136	Decal, Scag Power Equipment 8.31" X 4.05" (Black Background, Red Text)
2	483727	Decal, Scag Logo
3	487568	Decal, Scag Heavy Duty
4	488129	Decal Display Panel
5	483900	Decal, Warning Spark Arrestor
6	488135	Decal, General Warning

SCAG RC EXTREME SLOPE MOWER ELECTRICAL PRINTS**GENERAL NOTES****HARNESS WIRES**

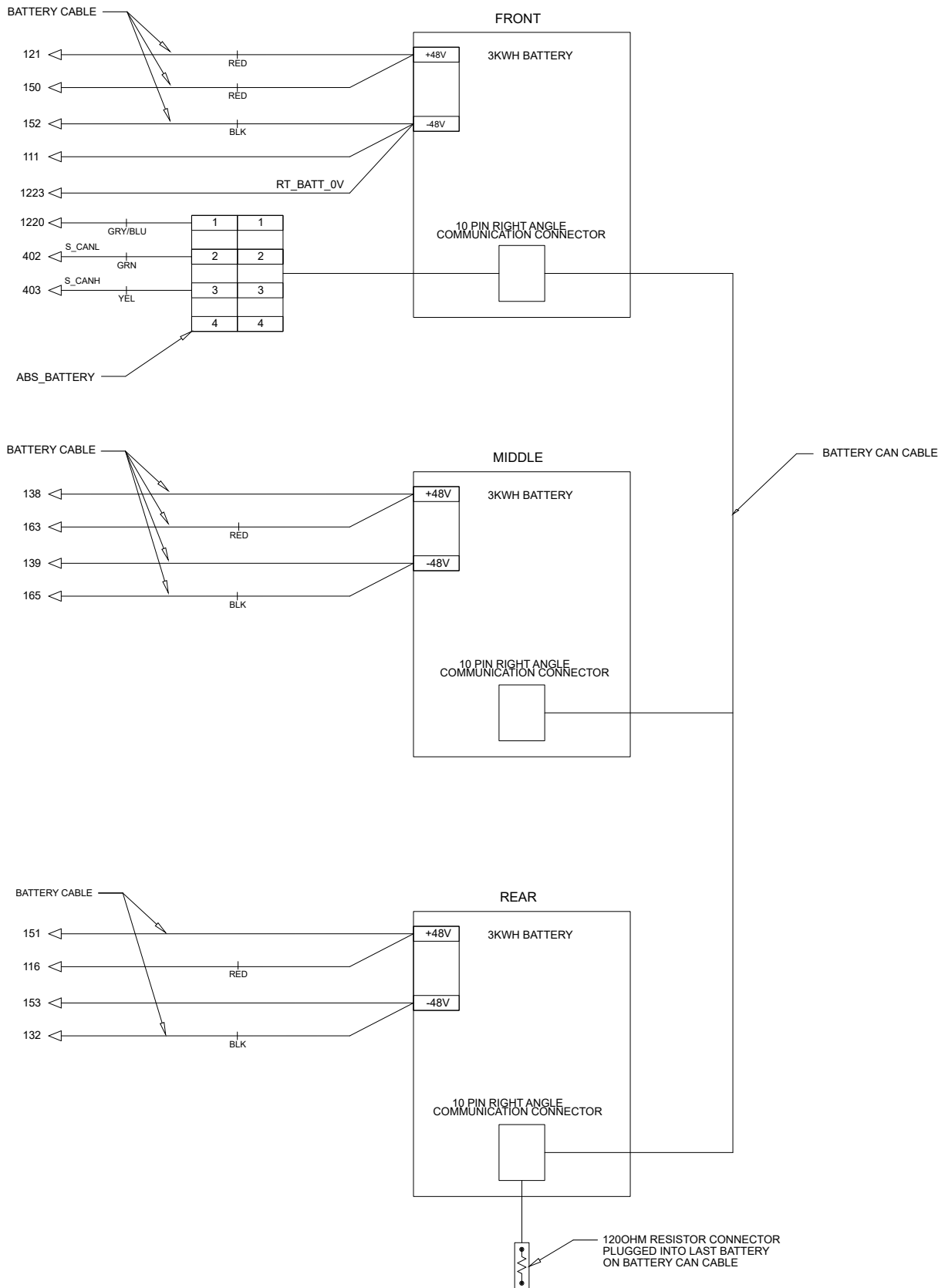
- 18AWG IS STANDARD WIRE SIZE UNLESS NOTED OTHERWISE.
- ALL WIRE COLORS ARE ORANGE UNLESS NOTED OTHERWISE.
- LASER ETCHING WILL INDICATE THE TERMINATION POINT ON EACH END OF THE WIRE.
- ALL WIRES THAT TERMINATE AT A SPLICE POINT ARE DESIGNATED WITH "S" FOLLOWED BY THE SPLICE NUMBER.
- ALL WIRES THAT TERMINATE TO A RING TERMINAL ARE DESIGNATED WITH "RT" FOLLOWED BY THE TERMINAL NUMBER.
- ALL WIRES THAT TERMINATE TO A QUICK CONNECT SPADE TERMINAL ARE DESIGNATED WITH "QC" FOLLOWED BY THE TERMINAL NUMBER.
- ALL 48V, 0V, & CAN WIRE SPLICES THAT START WITH "S2" HAVE CONTINUITY BETWEEN THEIR CORRESPONDING "S" SPLICES, BUT ARE SPLICED IN SEPARATE LOCATIONS ON THE HARNESS.
- WIRE COLORS, & WIRE SIZE ARE NOTED ONLY ONCE BETWEEN TERMINATION POINTS.

Section 7

CHARGER, 48VDC BATTERIES, 48VDC & 0VDC BUS

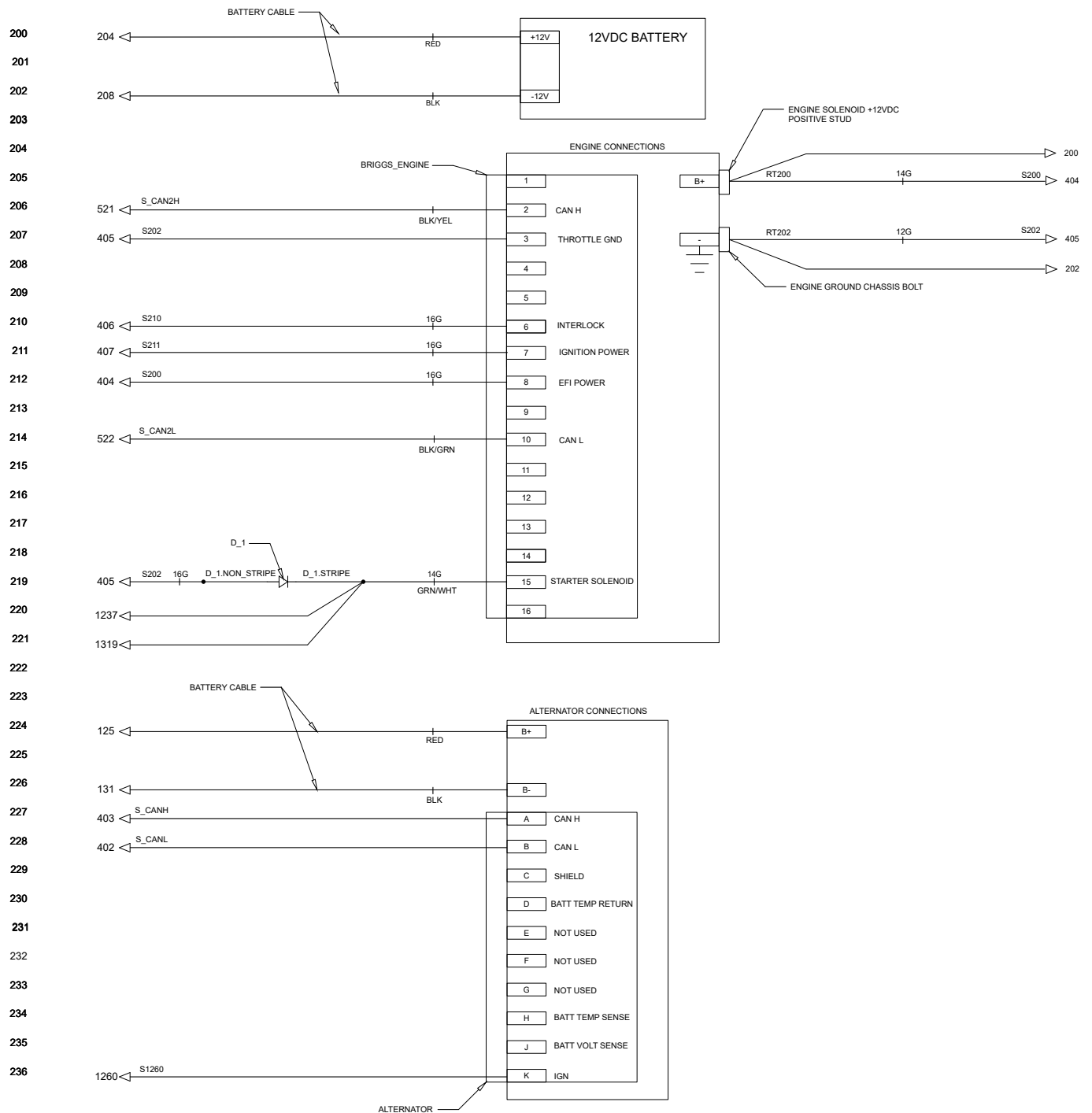


CHARGER, 48VDC BATTERIES, 48VDC & 0VDC BUS

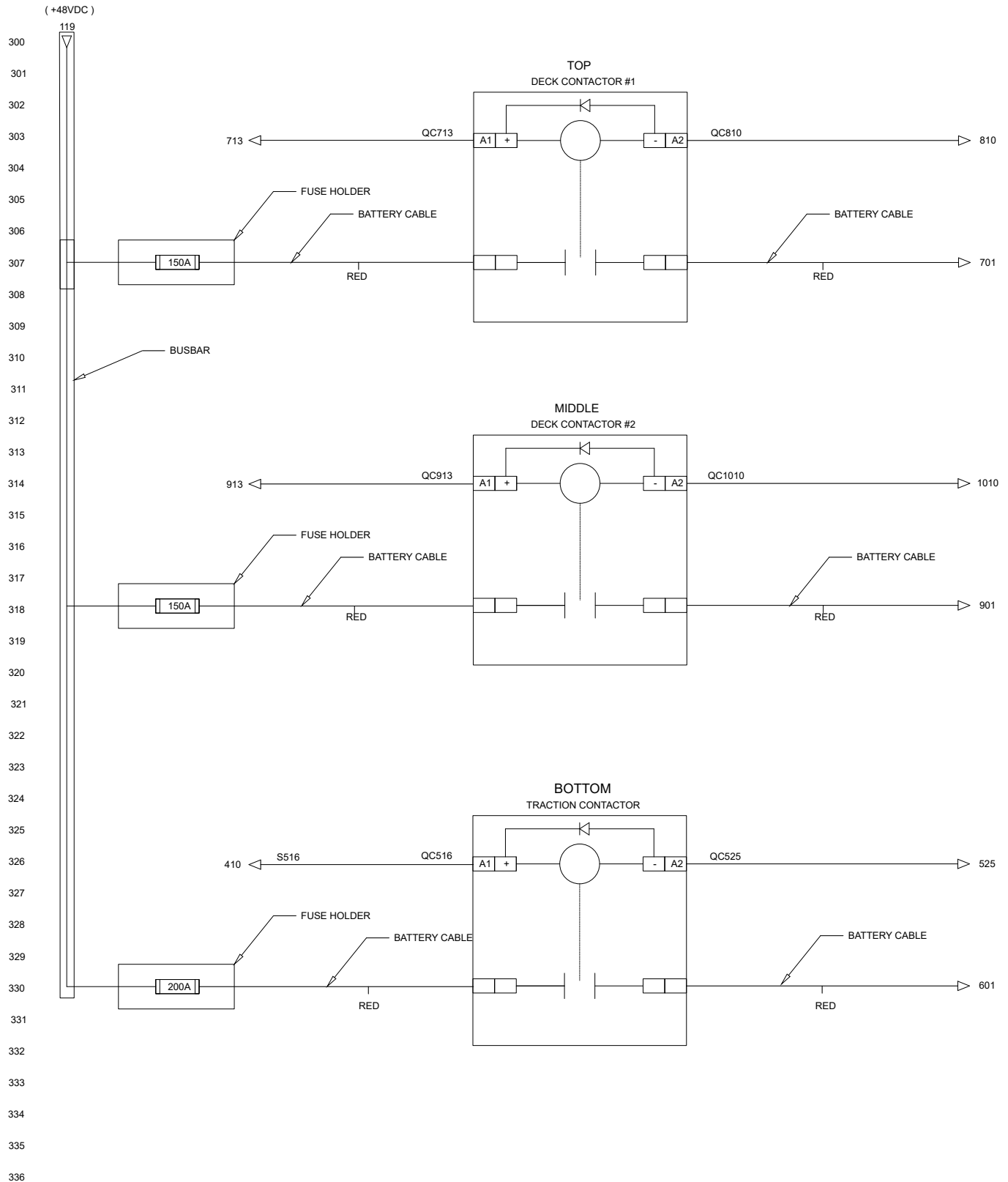


Section 7

ICE & ALTERNATOR

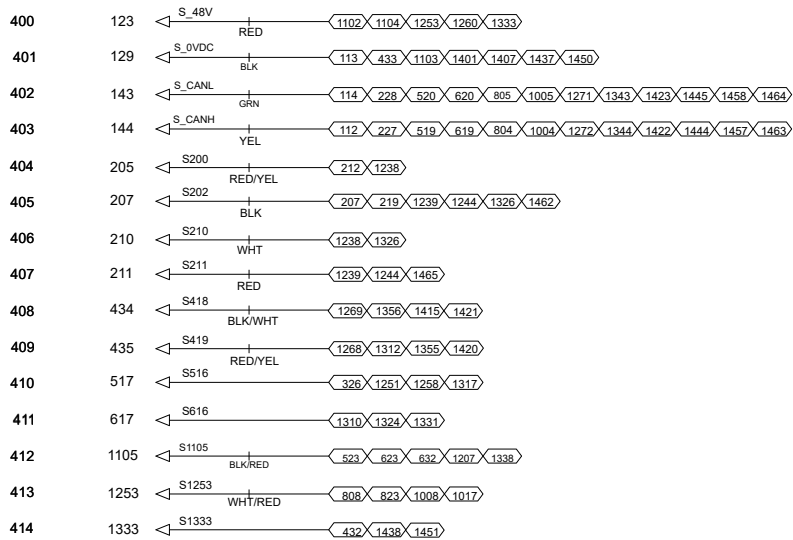


CONTROLLER CONTACTORS

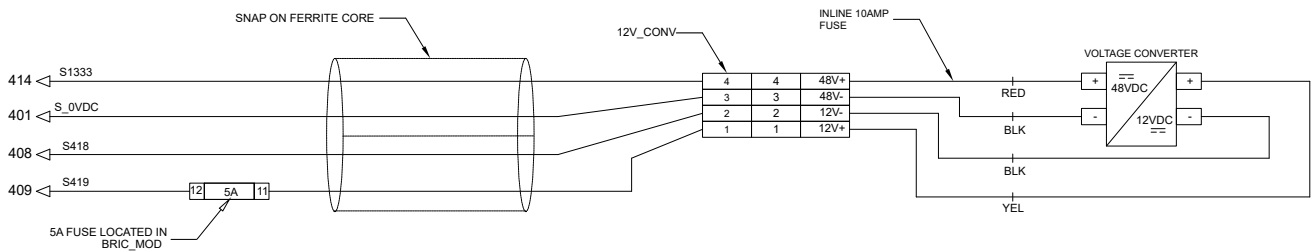


Section 7

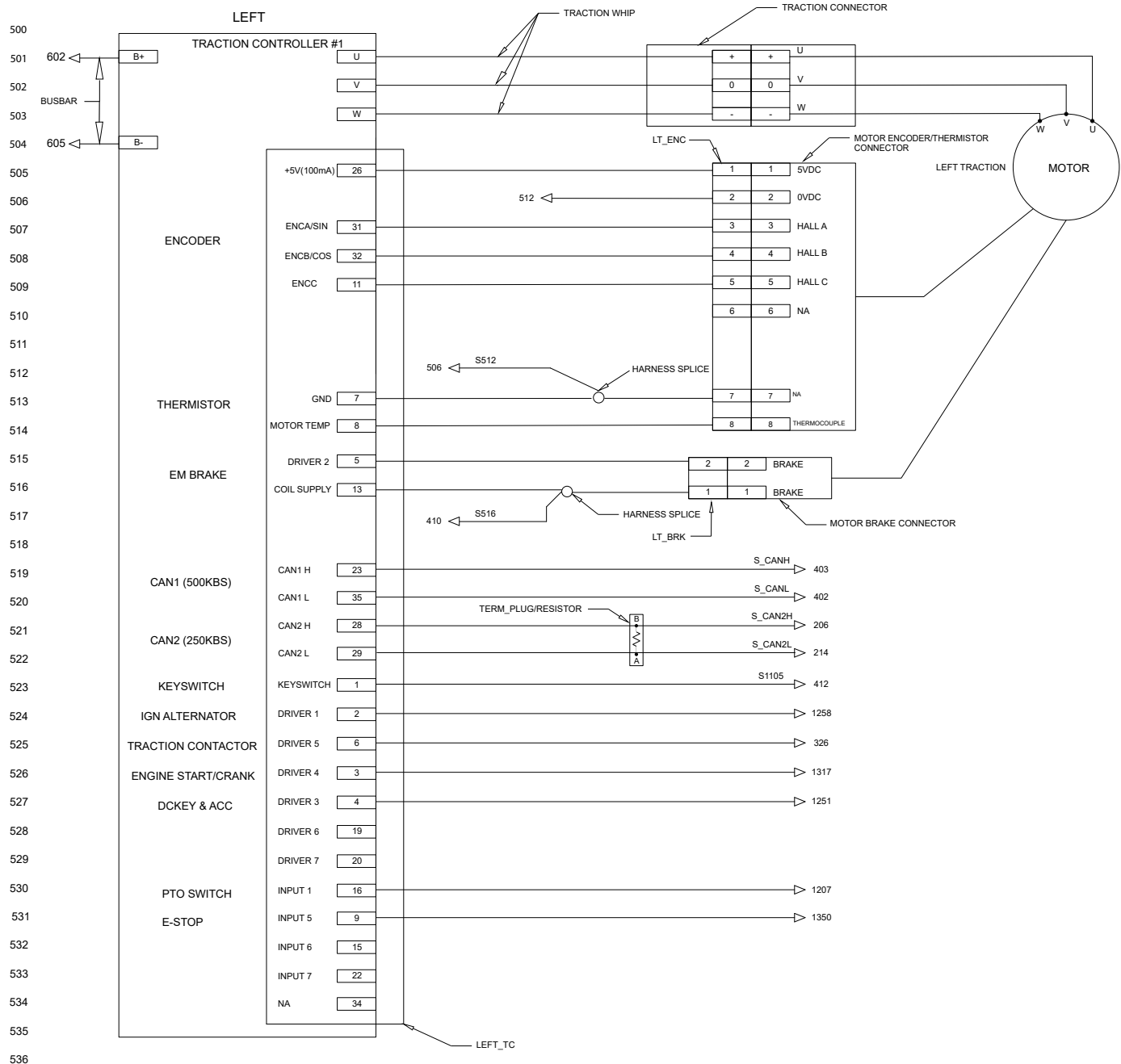
48VDC TO 12VDC CONVERTER & HARNESS SPLICES



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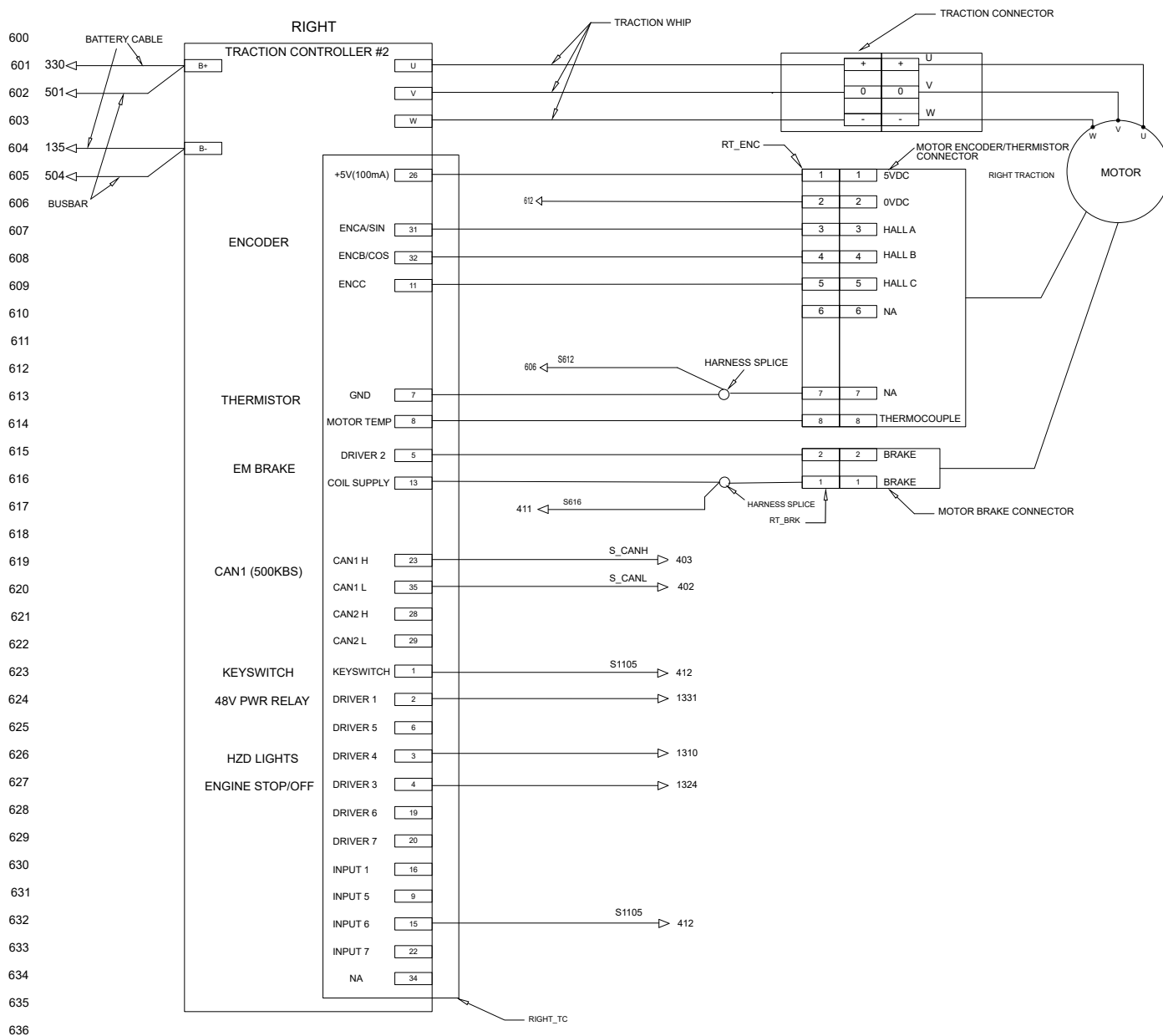


TRACTION CONTROLLER #1

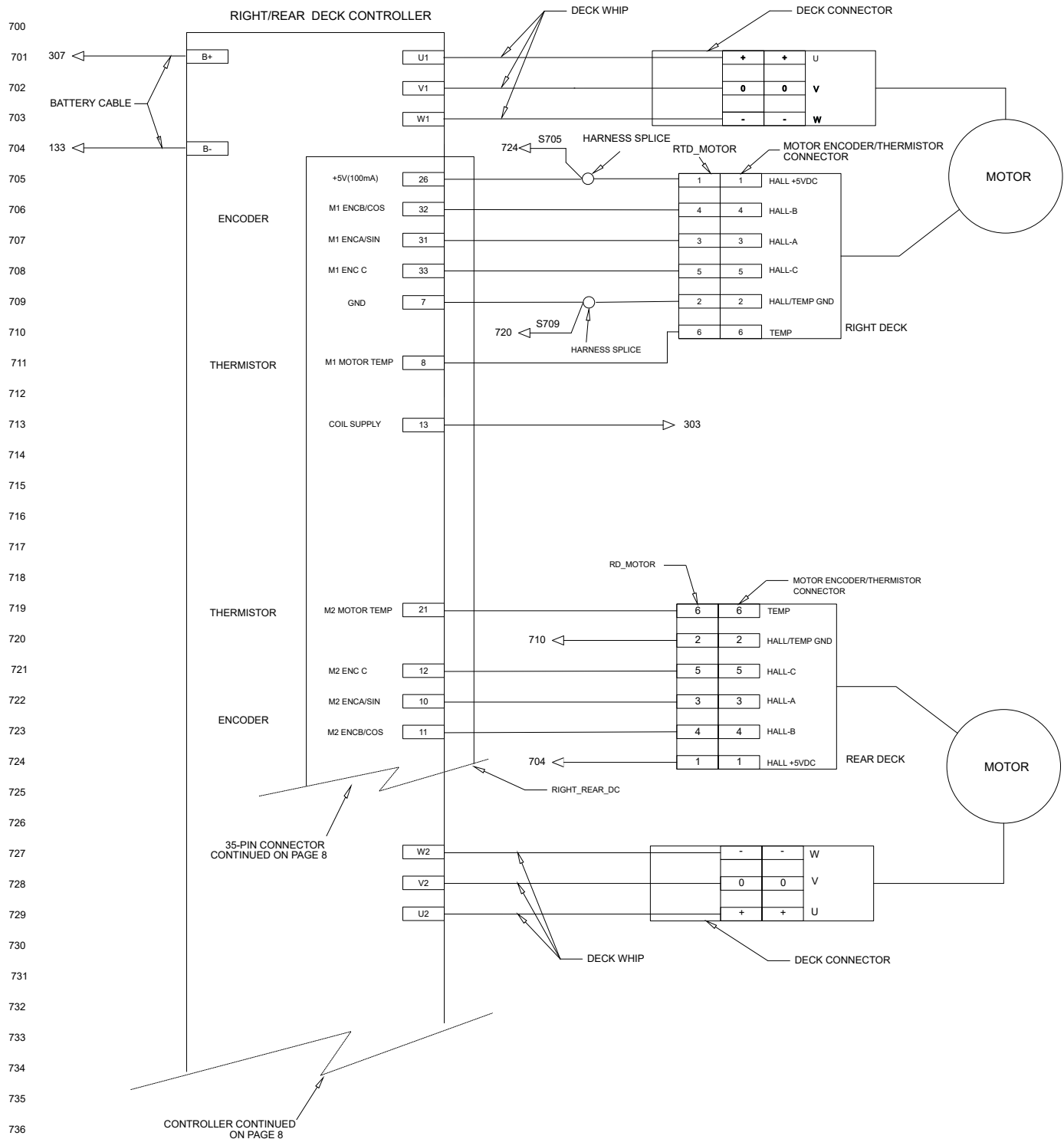


Section 7

TRACTION CONTROLLER #2

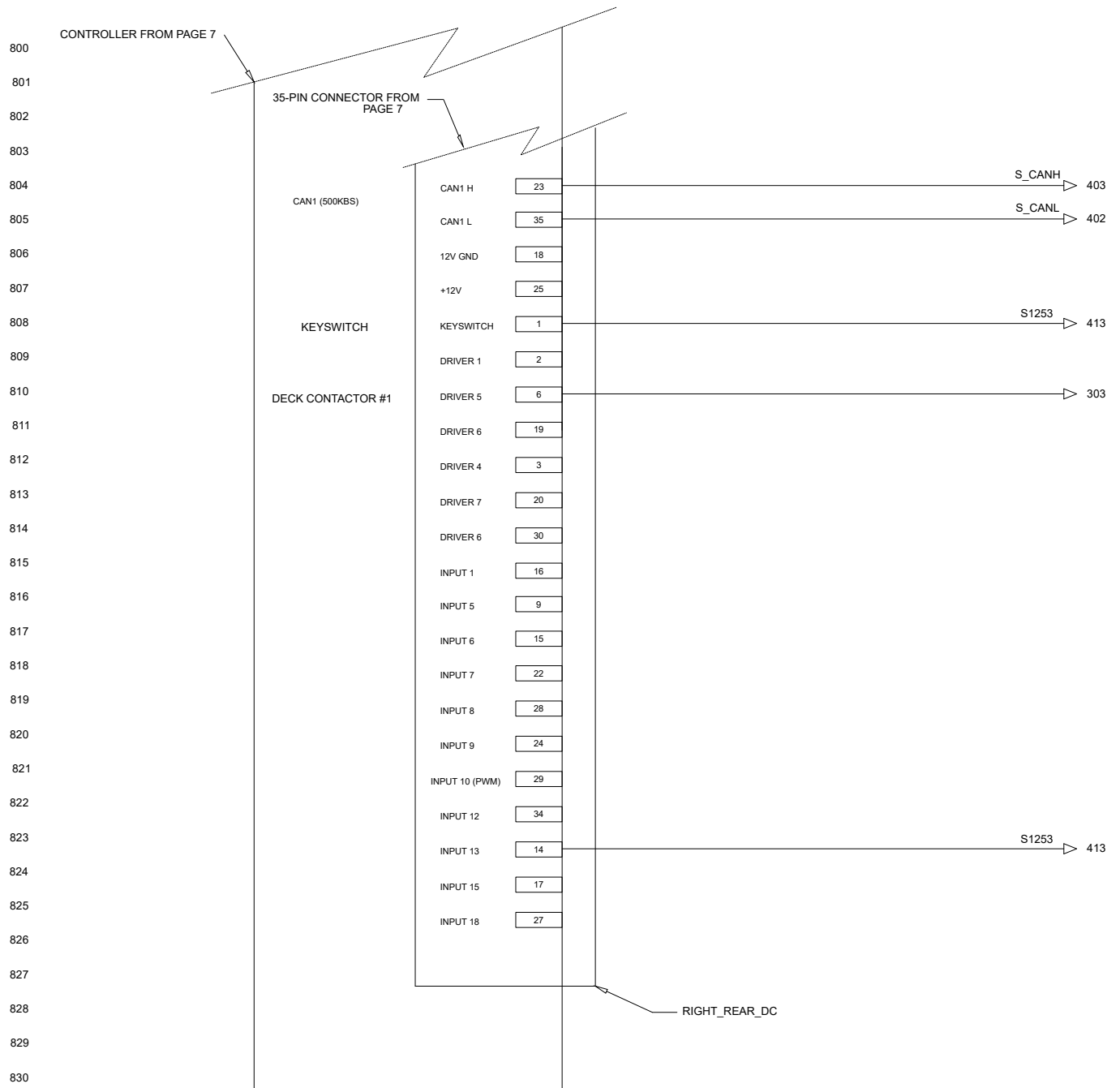


RIGHT / REAR DECK CONTROLLER

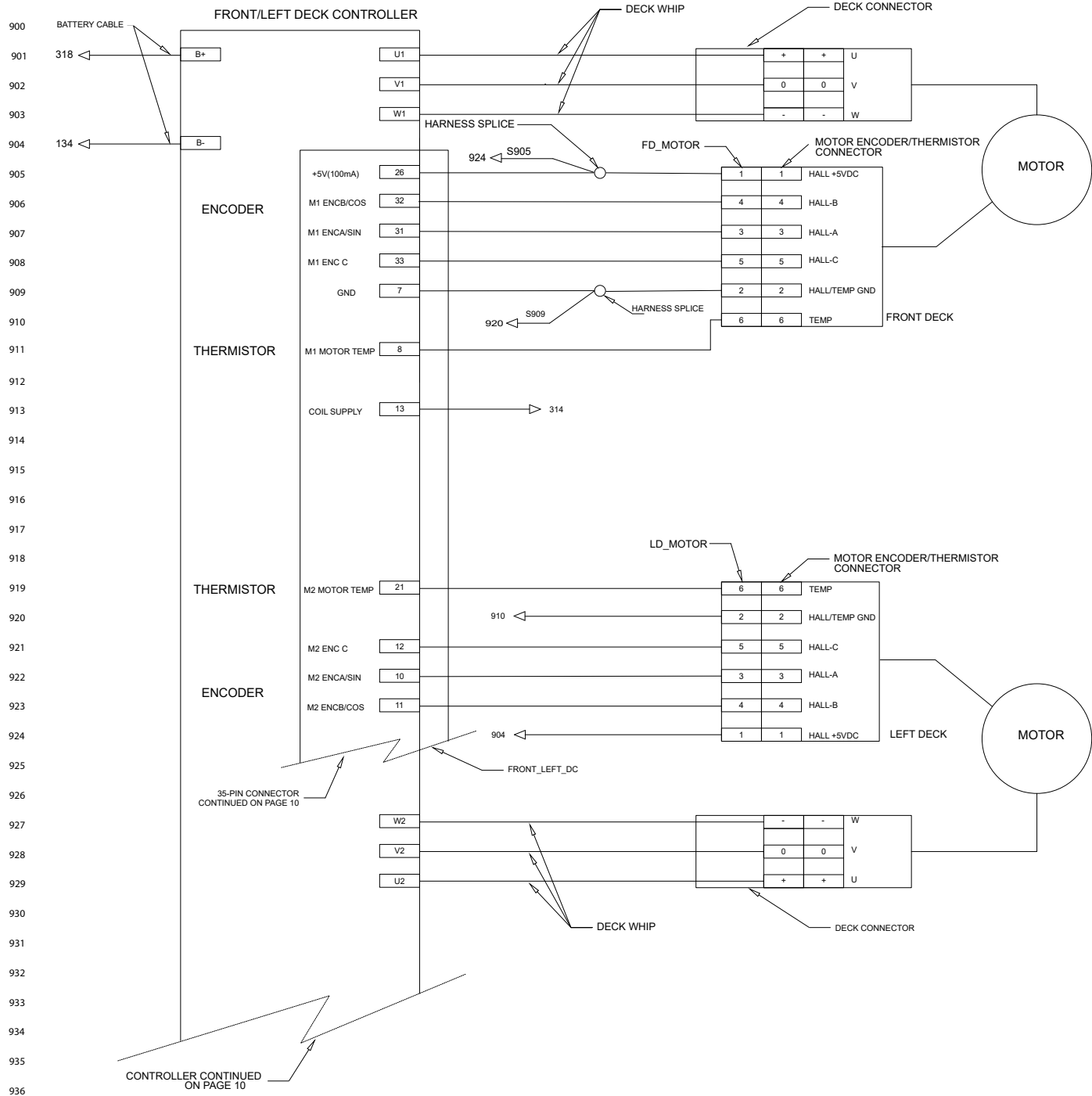


Section 7

RIGHT / REAR DECK CONTROLLER

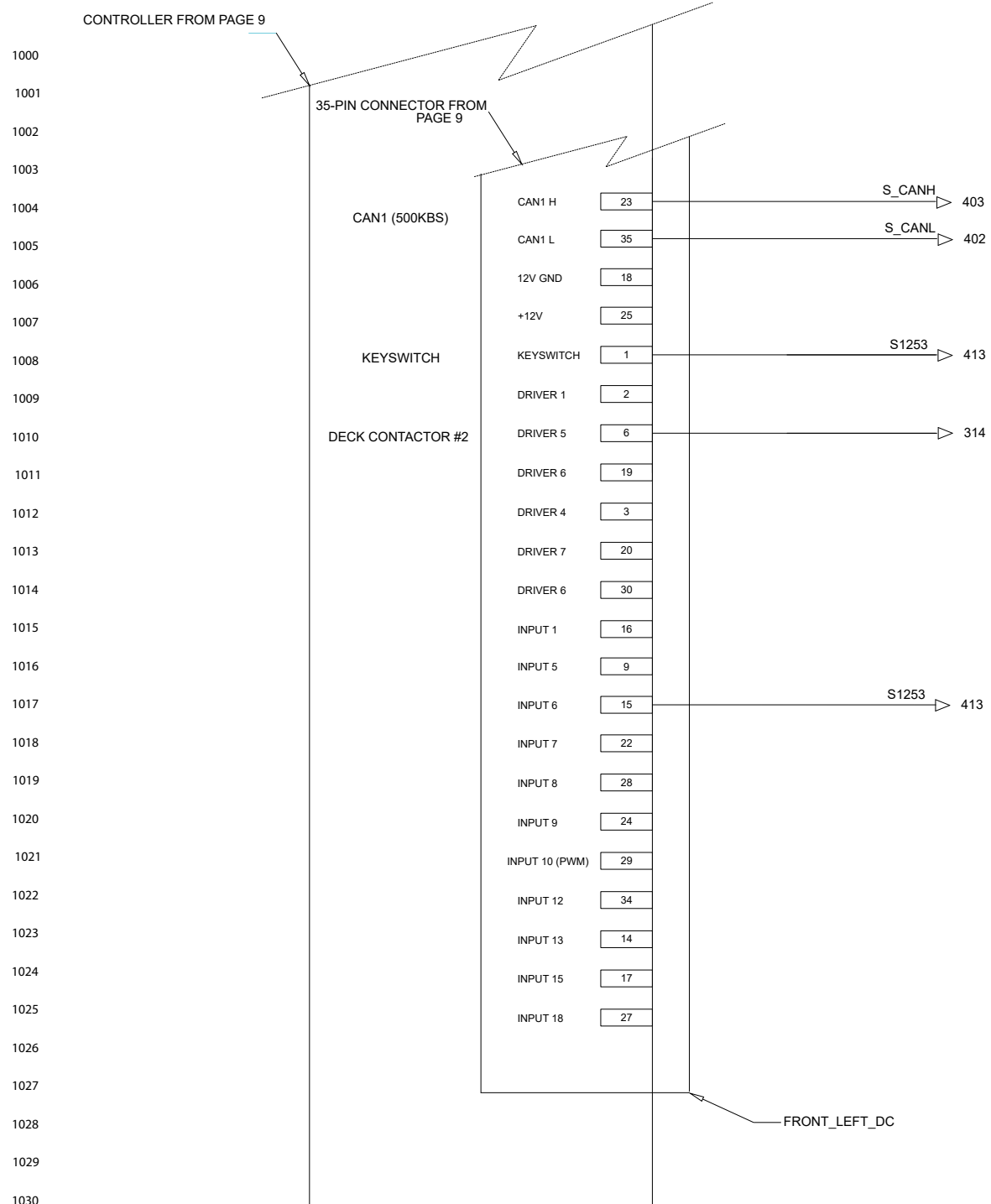


FRONT / LEFT DECK CONTROLLER

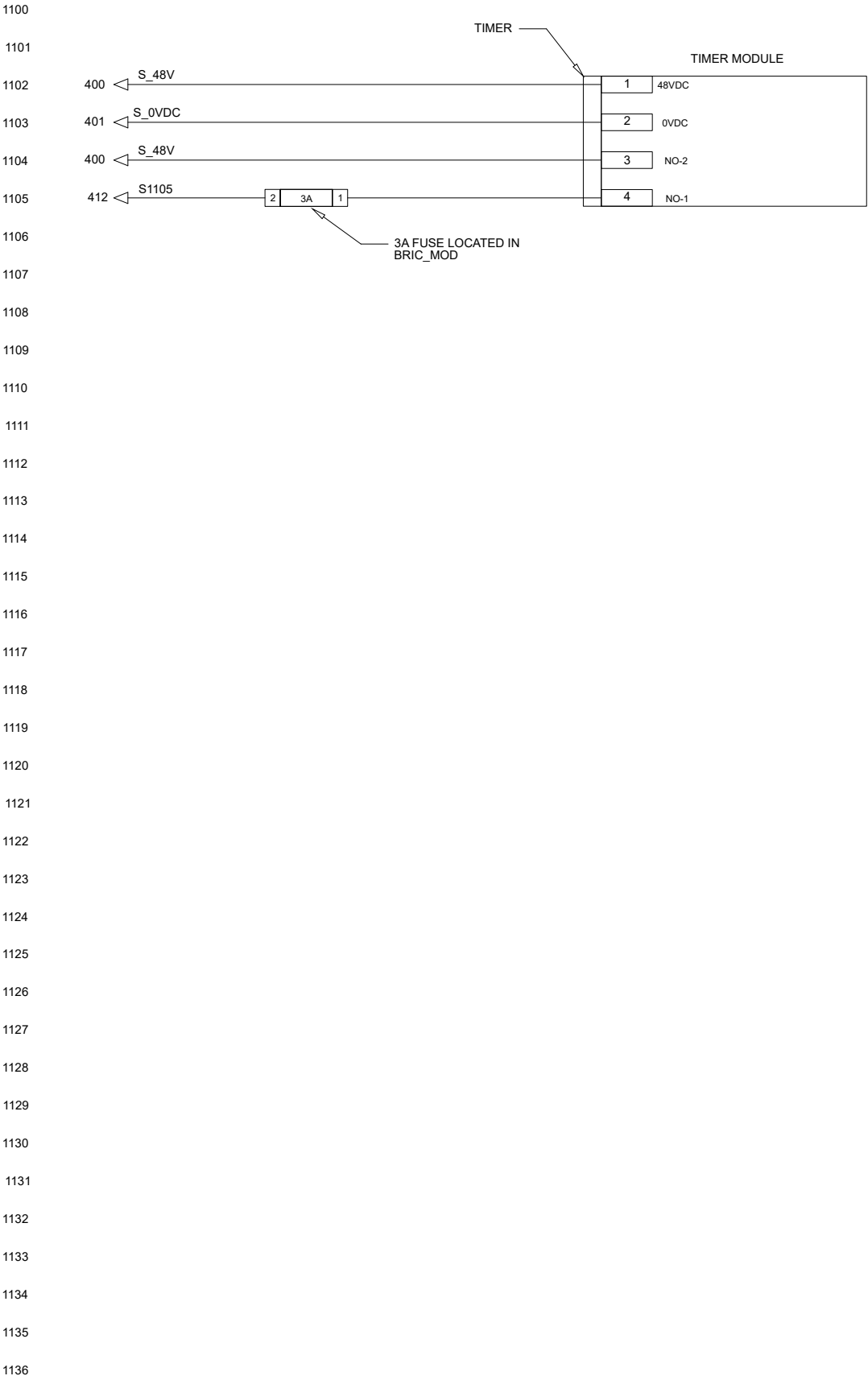


Section 7

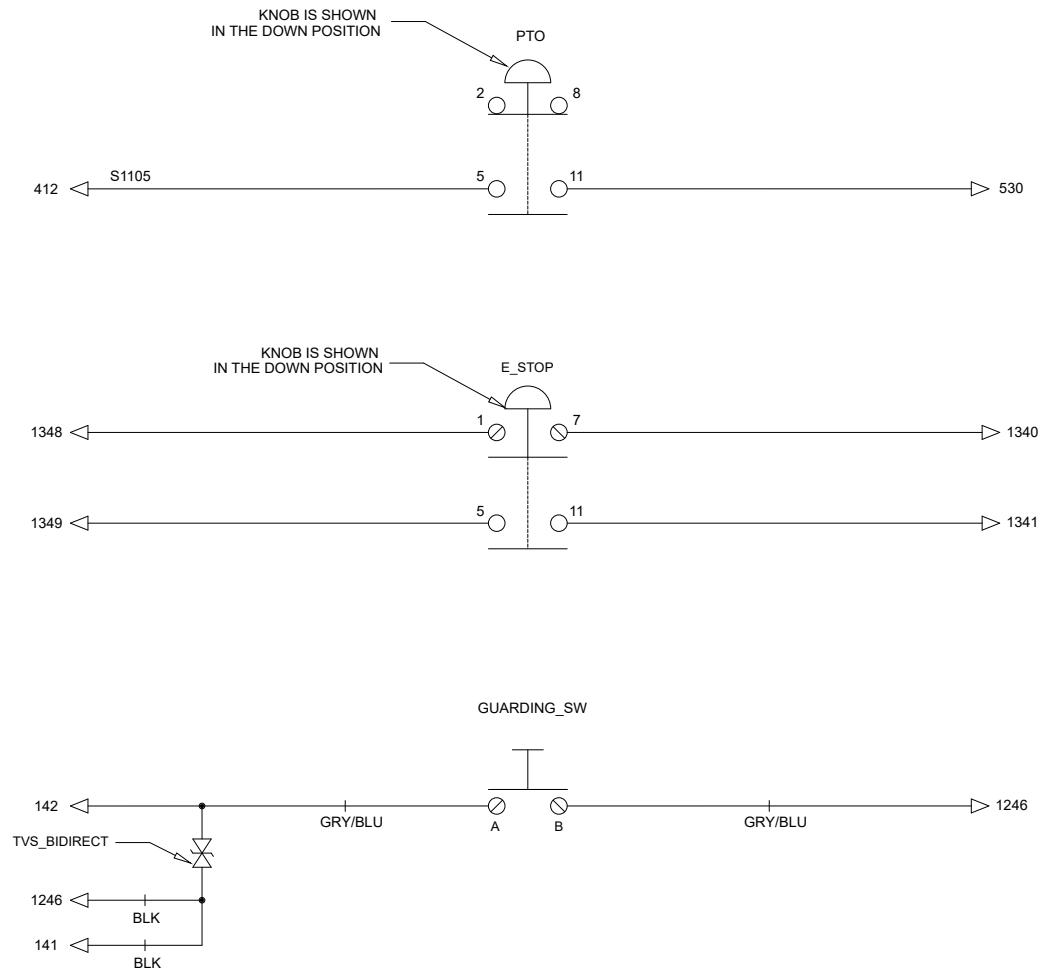
FRONT / LEFT DECK CONTROLLER



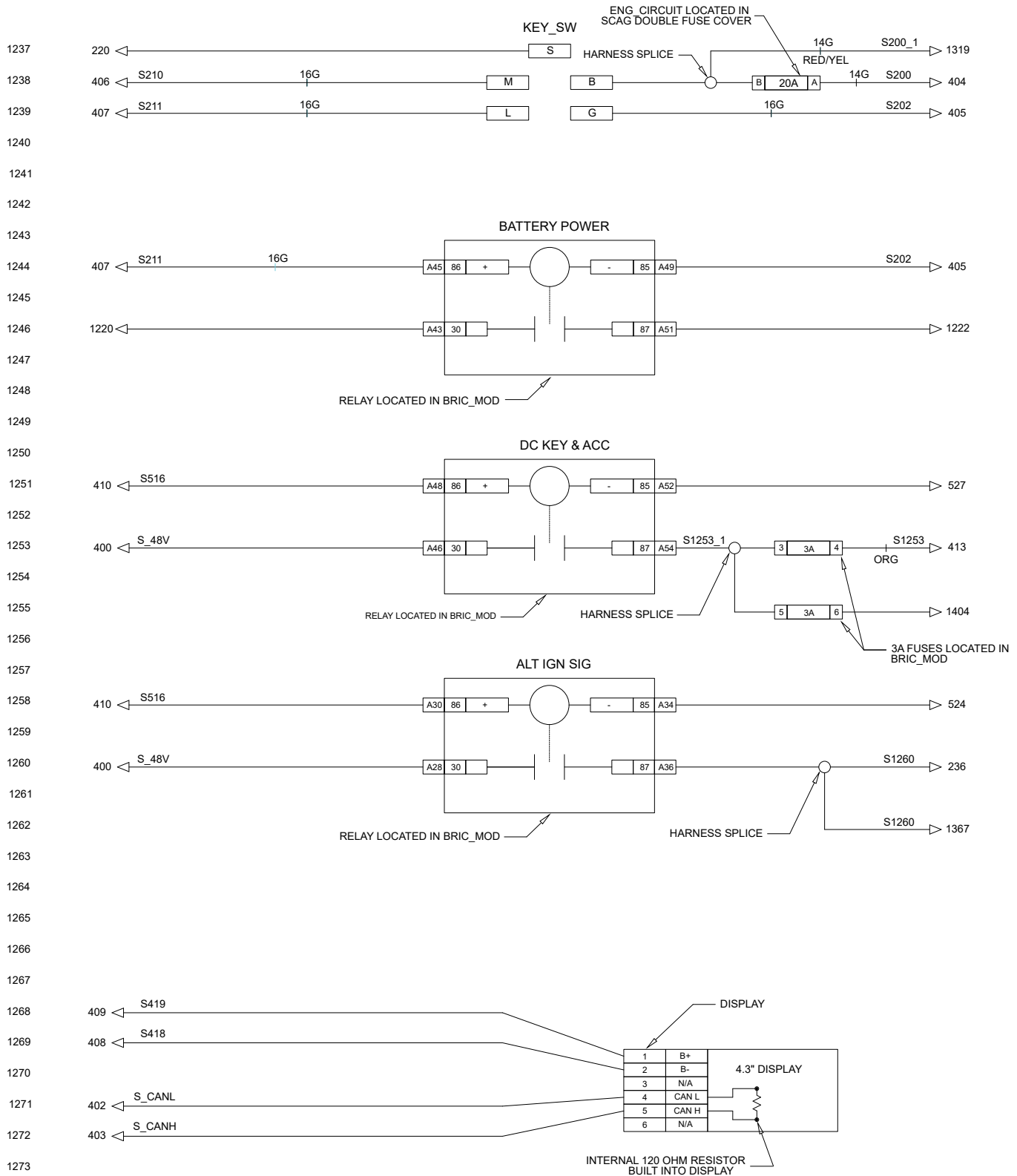
TIMER MODULE



OPERATOR PANEL & RELAYS

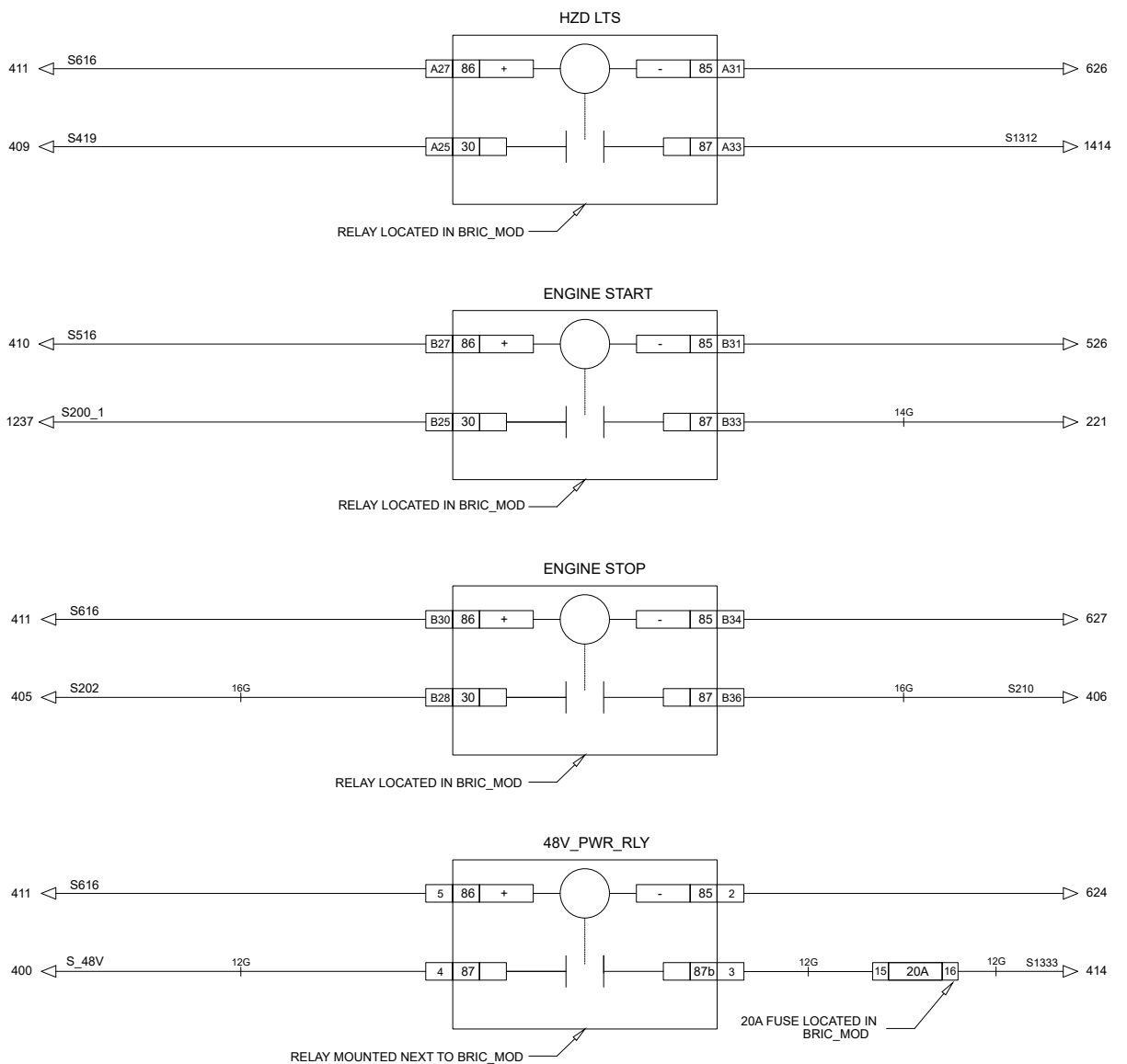


OPERATOR PANEL & RELAYS

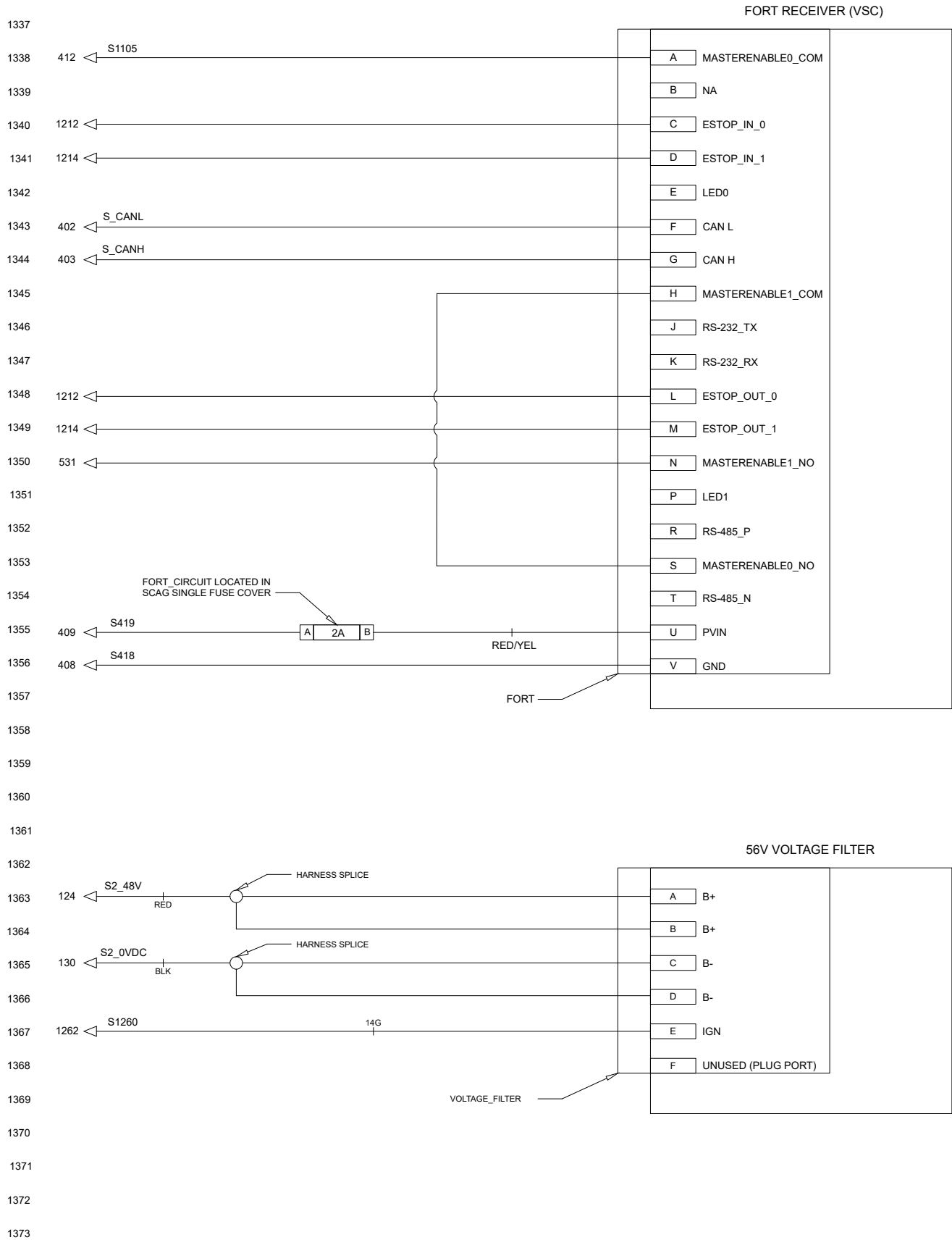


Section 7

RELAYS

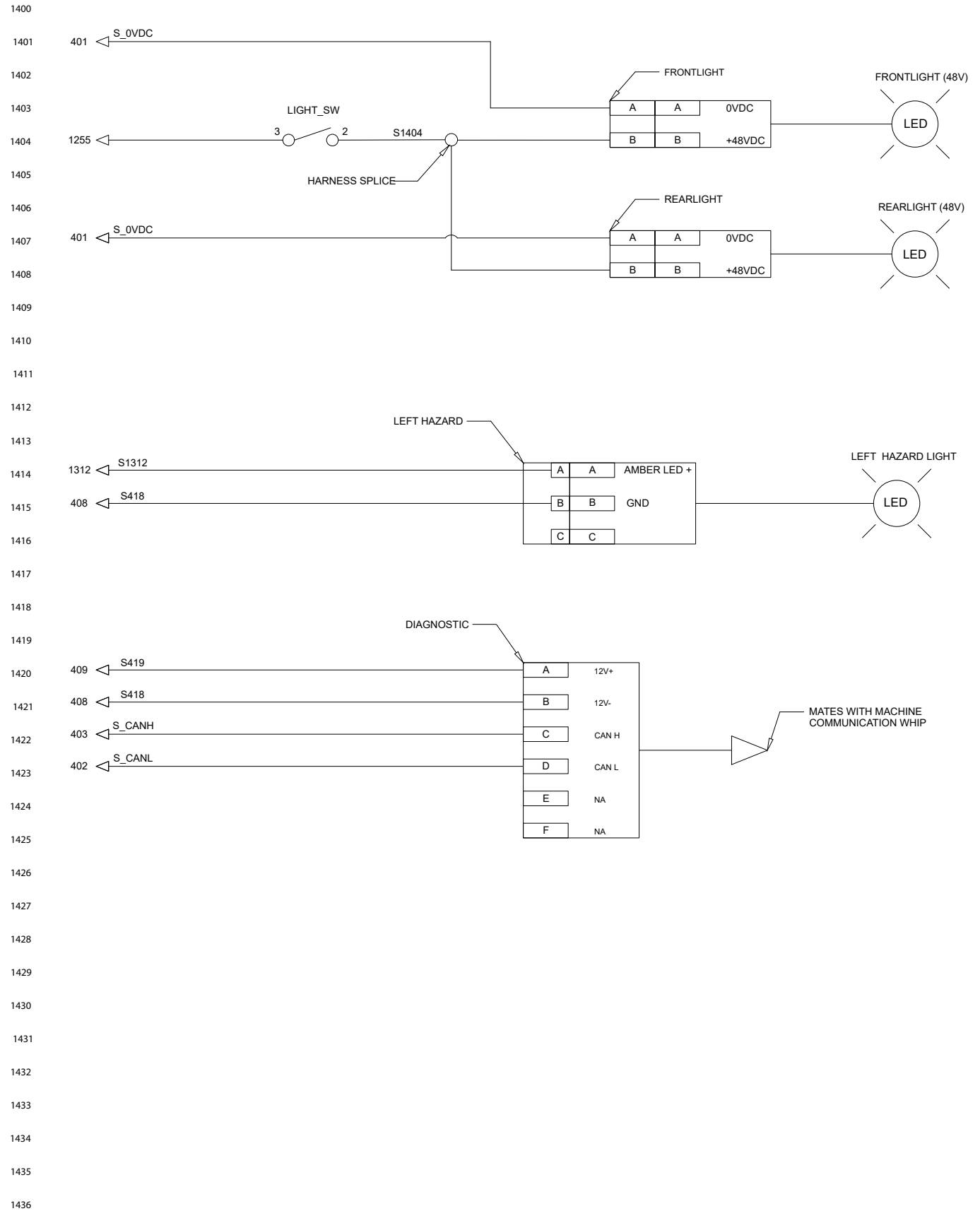


FORT RECEIVER & VOLTAGE FILTER



Section 7

LIGHTS, DIAGNOSTIC PLUG



DECK LIFT ACTUATORS, & WINCH CONNECTION

